Introduction

Thank you for purchasing this SHARP mobile handset. Before and while using the handset, please read this manual thoroughly and retain it for future reference. This handset is your partner. Handle it carefully at all times to ensure its long-term performance.

About this Operation Manual

Instruction scheme

Instructions in this manual are carefully designed to help you operate the handset smoothly and easily. At the beginning of each section, the steps that have to be followed to reach the function you wish to utilize are shown (Example 1). The steps for all subsequent subsections are simplified (Example 2). Make sure to press ◯ to enter your selection.

Example 1:

(Excerpt from "Viewing the Contacts List" on page 9-54)

1 Press ◯.
The main menu appears.

2 Press ⓢ, ⓣ, ⓤ or ⓥ to highlight "Contacts" and press ◯.

3 Press ⓢ or ⓣ to highlight "Contacts list" and press ◯.
The index view of the "Contacts list" appears.

In example 1, each step to reach the "Contacts list" is shown.

Example 2:

(Excerpt from "Selecting the Memory for saving" on page 9-55)

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press [Options].
The "Options" menu appears.

In example 2, the steps to reach the "Contacts list" are simplified as shown above (step1).

◯, ⓢ, ⓣ, ⓤ, ⓥ and [Options] indicate the operation keys in this manual. For information on the keys and handset operations, refer to "Parts and Controls" on page 4-22.

Symbols

This indicates useful extra information for operating the handset.

This indicates important background information or items that need to be recognized when operating the handset.

This indicates operations that require extreme caution before performing on the handset.

NOTICE

- We strongly recommend that you keep separate permanent written records of all important data. Data may be lost or altered in virtually any electronic memory product under certain circumstances. Therefore, we assume no responsibility for data lost or otherwise rendered unusable, whether as a result of improper use, repairs, defects, battery replacement, use after the specified battery life has expired or any other cause.
- We assume no responsibility, directly or indirectly, for financial losses or claims from third parties resulting from the use of this product and any of its functions, such as stolen credit card numbers, the loss or alteration of stored data, etc.
- All company and/or product names are trademarks and/or registered trademarks of their respective holders.
- Screen layouts illustrated in this operation manual may differ from those on the handset.
  The information described in this operation manual is subject to change without notice.
- Some of the functions described in this operation manual may not be supported by all networks.
- We assume no responsibility for content, information, etc. downloaded from the network.
- The CGS-LCD used for the main display is a world advanced technology product, giving you fine picture quality. Occasionally, a few black or bright pixels may appear on the screen. Please note that this will not have any impact on any of the features or performance.

Copyright

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BROWSER BY

OPENWAVE

RSA SECURED

Safety Precautions and Conditions of Use

Your handset conforms to international regulations insofar as it is used under normal conditions and in accordance with the following instructions.

Electromagnetic waves

- Do not switch on your handset aboard an aircraft (as your handset may interfere with the aircraft's electronic systems and disrupt the cellular network). Current legislation forbids this use and legal action can be taken against the user.
- Do not switch on your handset in a hospital, except in designated areas. Use of your handset's functions may affect the performance of medical electronic units (pacemakers, hearing aids, insulin pumps, etc.). When the handset function is on, do not bring it near medical equipment or into areas in which medical equipment is being used. If you have a hearing aid or a pacemaker, only use the handset on the opposite side of your body from where it is located. The handset should be kept at least 6 inches (15.24 cm) from a pacemaker at ANYTIME the handset is switched on.
- Do not switch on your handset near gas or flammable substances. Observe the rules concerning the use of handsets at gas stations, chemical plants and at all sites where a risk of explosion exists.

Caring for your handset

- Do not allow children to use your handset without supervision.
- Never attempt to disassemble, repair or modify your handset. Such action may result in bodily injury or damage to the unit or other property. The product can only be repaired by authorized service personnel.
- Never allow any metallic objects (e.g., staples, paper clips) to become inserted into your handset, as this could result in the generation of excess heat or fire.
- Do not use solvents to clean your handset. Use only a soft, dry cloth.
- Do not drop your handset or subject it to severe impacts. Bending the body and pushing the display or keys with force could damage the handset.
- Do not carry your handset in your back pocket as it could break when you sit down. The display is made of glass and is particularly fragile.
- Never touch liquid that might leak from a broken liquid crystal display (LCD), as doing so may cause a skin rash.
- Avoid touching the external connector on the underside of the handset, since the delicate components within can be damaged by static electricity.
- Never use or store your handset in the following locations:
  - Anywhere it may be exposed to water (e.g., bathroom or sauna)

- Conditions of high humidity (e.g., rain or fog)
- Conditions of extreme high temperatures (e.g., near fire or in a sealed automobile)
- In direct sunlight
- Locations or sites subject to strong vibration

- It is advised that the device not be used by a driver while the vehicle is moving, except in an emergency. Speak only into a fixed, neck-slung or clipped-on microphone when it would not distract your attention from the road. Also see “Precautions Concerning Vehicle Use” on page 1-7.
- Never dispose of your device with ordinary waste.

Battery

- Use your handset only with batteries, chargers and accessories recommended by the manufacturer. The manufacturer disclaims any liability for damage caused by the use of other chargers, batteries or accessories.
- Use only the standard accessory battery (CE-BL150).
- Recommended temperature for using and storing batteries is approximately 68°F (20°C).
- The battery’s performance is limited in low temperatures, particularly below 32°F (0°C) and the handset may not work temporarily regardless of the amount of remaining battery power.
- Exposing the handset to extreme temperatures will shorten battery life.
- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- Network configuration and handset usage will affect talk time and standby time. Using games or camera will hasten battery consumption.
- When the battery charging alert is displayed on the screen, charge the battery as soon as possible. If you continue using your handset ignoring the alert, the handset may malfunction and all data and settings you have stored may be lost at any moment.
- Charge the new battery as soon as possible after removing the old one.
- Before removing the battery from the handset, make sure the handset is switched off.
- Do not touch the battery terminals. Batteries can cause damage, injury or burns if a conductive material touches exposed terminals. When the battery is detached from the handset, use a cover made of nonconductive material for keeping and carrying the battery safely.
- Never attempt to disassemble or modify the battery.
- Never touch any fluid that may leak from the internal battery, as doing so may result in injury to the skin or eyes.

- Never drop your handset or subject it to severe shock. This may cause the internal battery to leak, ignite and/or rupture. Always immediately remove your handset from the vicinity of any open flame in the event the internal battery leaks or emits an unusual odor.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS
See “Battery Disposal” below.

Battery Disposal

- Take the used battery to the local waste depot.
- Do not expose the used battery to an open flame. Do not dispose in water or dispose with household waste.

BATTERY DISPOSAL

THIS PRODUCT CONTAINS LITHIUM-ION BATTERY. THIS BATTERY MUST BE DISPOSED OF PROPERLY. CONTACT LOCAL AGENCIES FOR INFORMATION ON RECYCLING AND DISPOSAL OPTIONS IN YOUR AREA.

Antenna Care

- Do not touch the antenna unnecessarily, while using the handset. If it is held, call quality may be hindered leading to shortened talk-time and stand-by time because the handset may have to operate on a higher power level than is necessary.
- Use only the antenna supplied or one approved by Sharp for your handset. Using unauthorized or modified antenna may damage the handset. Moreover, since the handset may violate the appropriate regulations, it may lose performance or exceed the limitation of SAR levels.
- To avoid impaired performance, do not damage the antenna of the handset.
- While talking directly into the microphone, please hold the handset so that the antenna is upwards over your shoulder.
- To avoid interfering with blasting operations, please turn off the handset in a blasting area or in a place where a “turn off two-way radio” sign is posted.

RF Connector

- This RF connector is for connecting Sharp-approved antennas to the handset. Do not connect unapproved or modified equipment as this may damage the handset or cause the SAR limit to be exceeded.
- Do not touch or crowd the connector unnecessarily as this may affect standby and call times.

Camera Operation

- Learn picture quality, file formats, etc. beforehand. Pictures are saved in JPEG format.
- Be careful not to move your hand while taking pictures. If the handset moves while taking a picture, the picture can be blurred. When taking a picture, hold the handset firmly to prevent it from moving, or use the delay timer.
- Clean the lens before taking a picture. Fingerprints, oil, etc. on the lens hinder clear focusing. Wipe with a soft cloth before taking a picture.

Miscellaneous

- As the handset uses an electronic storage unit, data may be lost or corrupted under various circumstances.
- Before connecting the handset to a PC or a peripheral unit, read the operation manual for the other unit carefully.
- If the handset's battery has been removed for some time, or the handset has been reset, the unit's clock and calendar may be reinitialized. The date and time should be updated.
- Use only the included headset for hands-free operation. Some handsets functions may not work when unauthorized hands free are used.
- The handset uses a magnet to recognize that the handset is closed. Do not place magnetic cards near your handset or get the card caught in the handset as it may damage the recorded data.

Environment

- Keep your handset away from extreme heat. Do not leave it on the dashboard of a car or near a heater. Do not leave it in any place that is extremely damp or dusty.
- Since this product is not waterproof, do not use it or store it where fluids can splash onto it. Raindrops, water spray, juice, coffee, steam, perspiration, etc. may also cause a malfunction.

Precautions Concerning Vehicle Use

- It is the user's responsibility to verify if local laws permit the use of a handset in a vehicle. Give full attention to driving. Pull off onto the side of a road and park the car before making or answering a call.
- If local laws permit, we recommend that you use your handset with the attached hands-free Kit.
- Use of your handset's function may interfere with the vehicle's electronic systems, such as the ABS antilock brakes or the air-bag. To ensure no such problem occurs, please check with your dealer or car manufacturer before connecting your handset.
- Only allow qualified service maintenance personnel to install the vehicle accessories. The manufacturer disclaims any liability for damage which may result as a consequence of improper use or use contrary to the instructions contained herein.

FCC Declaration of Conformity

Triple-band phone: TM150 with USB cable(CE-UC31) and AC charger(CE-EA32)

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

SHARP ELECTRONICS CORPORATION
Sharp Plaza, Mahwah, New Jersey 07430
TEL:1-800-BE-SHARP

Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Information To User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/Relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Exposure to Radio Waves

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted level of RF energy for the general population.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, SAR. The SAR limit set by the FCC is 1.6W/kg, * Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.823W/kg and when worn on the body, as described in this operation manual is 0.733W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the back of the phone kept 15mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 15mm separation distance between the user's body and the back of the phone. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. While these may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of

http://www.fcc.gov/oet/fccid after searching on FCC ID APYNAR0057.

Additional information on Specific Absorption rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at:
http://www.phonefacts.net

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6Watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Declaration of Conformity

Hereby, Sharp Telecommunications of Europe Ltd, declares that this TM150 is in compliance with the essential requirements and other relevant provisions of Directive 1995/5/EC.
A copy of the original declaration of conformity can be found at the following Internet address:
http://www.sharp-mobile.com/tm150/

SAR

Your handset has been designed, manufactured and tested so as not to exceed the limits for exposure to electromagnetic fields recommended by the Council of the European Union. These limits are part of comprehensive guidelines developed by independent scientific organizations. The guidelines include a substantial safety margin designed to assure the safety of the handset user and others and to take into account variations in age and health, individual sensitivities and environmental conditions. European standards provide for the amount of radio frequency electromagnetic energy absorbed by the body when using a handset to be measured by reference to the Specific Absorption Rate (SAR). The SAR limit for the general public is currently 2 watts per kilogram averaged over 10 grams of body tissue. Your handset SAR value is 0.452 watts per kilogram.

This has been tested to ensure that this limit is not exceeded even when the handset is operating at its highest certified power. In use however your handset may operate at less than full power because it is designed to use only sufficient power to communicate with the network.

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Quick Setup

Quick Setup gives you the basic information you need to start using your handset by simply following the steps.

Step 1:
Unpacking

Check that you have the following items:

- The handset (the battery cover attached)
- Rechargeable Li-ion battery
- AC charger
- Hands free EARphone & MIC
- Operation Manual

Some other brochures or supplements may also be contained.

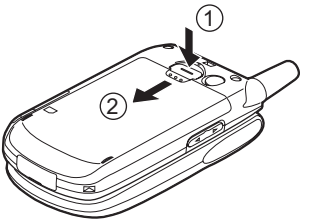
CONTAINS LITHIUM-ION BATTERY.
MUST BE DISPOSED OF PROPERLY.

Step 2:
Inserting the SIM Card and the Battery

In order to access the services available, do not forget to insert a SIM card and a battery. The SIM card carries the user's identity for accessing the network and also stores personal information such as the phone directory and Text messages, etc. Only use a 3V SIM card with your handset.

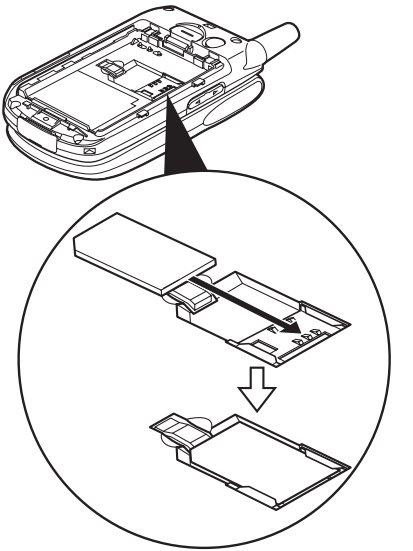
If you already have a mobile phone before purchasing this handset, you may use your previous SIM card with the new handset. In this case, refer to "If You Upgrade Your Handset" on page 3-21.

1 Press (①) and slide the battery cover in the direction of the arrow (②).

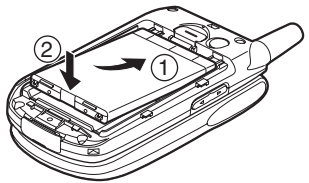


2 Remove the battery cover.

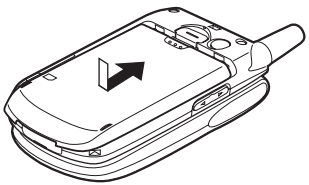
3 Slide the SIM card into the SIM holder as illustrated.
Do not touch the metal part of the SIM terminal.



4 Position the battery with the model name facing up. Insert its top end as illustrated into slot (①) and insert the other end into position (②).



5 Align the battery cover with the battery compartment as illustrated and slide it in the direction of the arrow until it clicks.



Removing the SIM Card

In step 3 on page 3-14, press the tab securing the card and slide it in the opposite direction from the SIM holder.

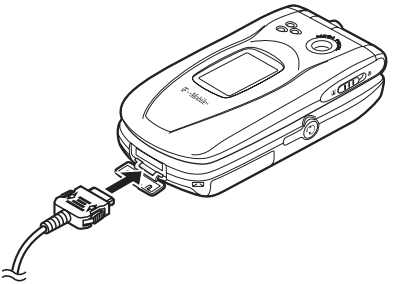
Step 3:
Charging the Battery

The battery is not fully charged when you purchase the handset. Charge the battery for at least 2 hours before using the handset. Use only the attached AC charger (CE-EA32).

Using the Charger

1 Insert the charger plug into an AC outlet.

2 Open the external connector cap and insert the charger (label facing up) into the USB/ Charger connector. The battery indicator in the display ( ) starts animating.



3 When charging is complete, the Indicator stops animating.

- *The standard charging time is approximately 2 hours.*
- *Charging time may vary depending on the state of the battery and other conditions. For information on the battery, refer to "Battery" on page 1-5.*

Removing the charger

Disconnect the charger plug from the AC outlet and unplug the charger from the handset.

Battery Status

Check the battery indicator displayed in the upper left of the display to estimate remaining battery power. When the battery is empty, " " appears on the display and an alarm sounds. The battery may only last for another 5 minutes. If you are using your handset, charge the battery immediately.

Battery Indicators	Charge Level
	Sufficiently charged
	Partially charged
	Charging recommended
	Charging required
	Empty

Step 4:
Turning Your Handset On

Open the handset and press ⏻ and hold for approximately 2 seconds.

The standby screen appears in the main display.

- *For information on key operations, refer to "Parts and Controls" on page 4-22.*
- *When turning on the handset, you may be asked to enter a PIN (Personal Identification Number) code. Enter it and press ●. For more information, refer to "If You Upgrade Your Handset" on page 3-21 and the brochures supplied with the SIM card.*

Turning Your Handset Off

Press ⏻ and hold for approximately 2 seconds.

Step 5:
Setting the Date and Time

Set the date and time before using the handset. If date and time are left unset, you cannot operate some time-based functions correctly.

1 Open the handset.

2 Press ●.
The main menu appears.

3 Press ⑤, ⑦, ⑧ or ⑨ to highlight "Settings" and press ●.

4 Press ⑤ or ⑦ to highlight "Date & Time" and press ●.

5 Press ⑤ or ⑦ to highlight "Set date/time" and press ●.

6 Enter the month, day, year and time using the digit keys and press ●.
If you enter the time in the 12-hour format, press ✱ to switch between am and pm.

- *For more information on how to set date and time, refer to "Setting the Date and Time" on page 15-136.*
- *You can also use ⑤, ⑦, ⑧ or ⑨ to edit the date and time.*
- *Date and time may be automatically set depending on network availability of this feature. For information on "Auto-update Date & Time" function, refer to "Setting the Auto-Update for the Date and Time" on page 15-136.*

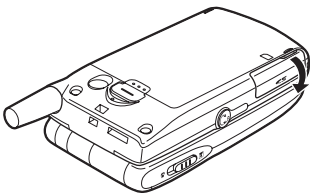
If You Use the Memory Card

The data storage area of the handset can be enhanced by using the memory card. If you wish to use the handset for taking pictures, recording videos or sounds, use of the memory card is recommended.

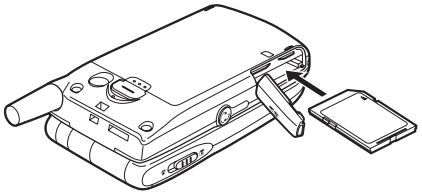
Inserting the Memory Card

1 Turn off the handset.

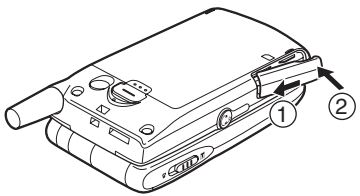
2 Open the memory card slot cover.



3 Insert the memory card all the way in.



4 Close the cover.



- *When you turn on the handset while the memory card is in, the message "Memory card is in" appears in the main screen and the memory card indicator is displayed both in the main and external display.*
- *When you insert the memory card while the handset is turned on, the message "Memory card is inserted" appears in the main display and the memory card indicator is displayed both in the main and external display.*

- *Use only SD memory cards up to 512 MB or MMC up to 128 MB. Please note that some types of MMC may not be compatible with your handset.*
- *The miniSD memory card cannot be used with your handset.*
- *Be sure to insert the card in the correct direction and orientation.*
- *The SD memory card has a write-protect switch that prevents you from deleting contents by accident. If you slide the switch to the lock position, you cannot save or delete files.*
- *Do not open the memory card cover while the memory card is being formatted, written to or read from. The card may be damaged beyond use.*
- *Keep all memory cards out of the reach of small children.*

Memory Card Folder Configurations

Four folders entitled PICTURES, SOUNDS, VIDEOS and .icons are created on the memory card. The pictures, sounds and video clips are stored in appropriate folder.

Memory Card Indicator

Main Display

- : Appears when the card is inserted.
- : Appears when the card is inserted and locked.
- : Appears when the card is damaged or unusable.
- : Appears when the card is locked, damaged or unusable.
- : Appears when the card is being written or read. (the arrow in the icon is green)
- : Appears when the card is being formatted. (the arrow in the icon is red)

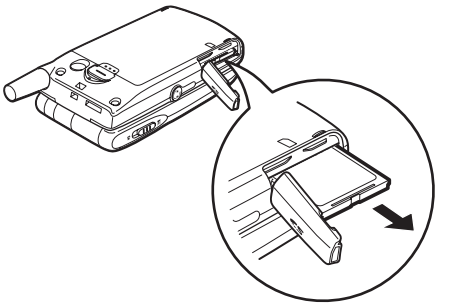
External Display

- : Appears when the card is inserted.
- : Appears when the card is inserted and locked.
- : Appears when the card is damaged or unusable.
- : Appears when the card is locked, damaged or unusable.
- : Appears when the card is being written or read. (the arrow in the icon is green)
- : Appears when the card is being formatted. (the arrow in the icon is red)

Removing the Memory Card

1 Turn off the handset.

2 Open the SD memory card slot cover, remove the card and close the cover.



- *When you remove the memory card while the handset is turned on, the message "Memory card is removed" appears in the main display and the memory card icon disappears both in the main and external display.*
- *Do not remove the memory card while the memory card is being formatted, written to or read from.*

Formatting the Memory Card

If you wish to clear all data stored in the memory card, format the memory card according to the following steps. The handset code is needed to format the memory card. For information on the handset code, refer to "Enabling the Handset Lock" on page 15-139.

1 Press ●.
The main menu appears.

2 Press ⑤, ⑧, ④ or ⑥ to highlight "Settings" and press ●.

3 Press ⑤ or ⑧ to highlight "Memory card" and press ●.

4 Press ⑤ or ⑧ to highlight "Format" and press ●.

5 Enter your handset code and press ●.
If you wish to cancel, press ◇ [Back] before entering the handset code.

If You Upgrade Your Handset

If you have a mobile phone before purchasing this handset, you may use your previous SIM card with the new handset. In this case, you should keep in mind two things for the setup.

Entering the PIN Code

If you insert a SIM card you have used for your previous mobile phone, you may be requested to enter a PIN code when you turn on your handset. For more information on the PIN code, refer to "Setting Security" on page 15-138.

1 Enter the PIN code that you used for your old mobile phone.

2 Press ◯.

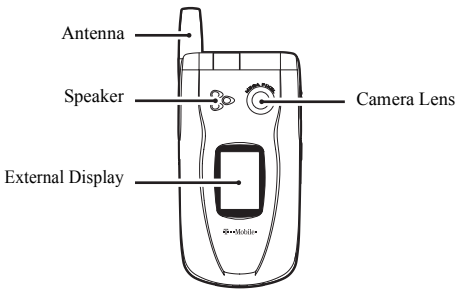
- *If your PIN code is entered incorrectly three times in a row, the SIM card is locked.*
- *To release the lock, try entering the PUK (Personal Unblocking Key) code (8 digits) provided by your service provider. For more information on the code, contact your service provider.*

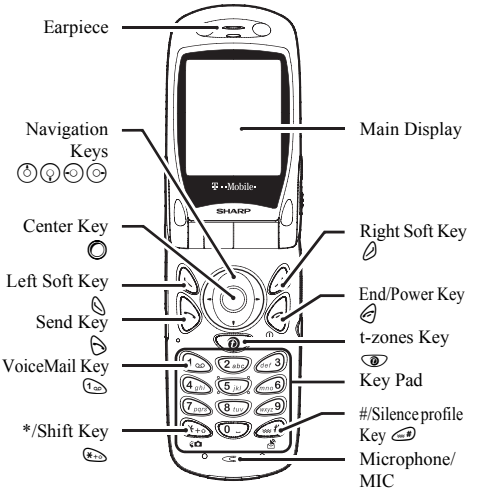
You can copy the "Contacts list" entries in your previous SIM card. For information on copying the "Contacts list" entries, refer to "Copying Entries Between Memories" on page 9-61 or "Copying All Entries from the SIM Card to the Handset Memory" on page 9-62.

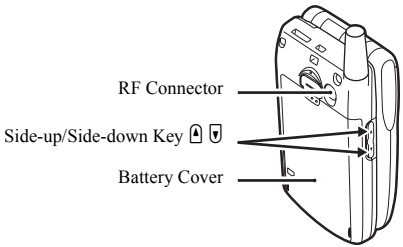
Main Handset Unit

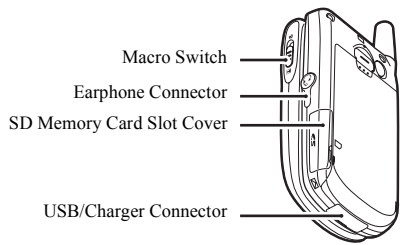
Before reading this operation manual, becoming familiar with the names and locations of parts and controls is recommended.

Also, in this section are icons and indications that change in the display.





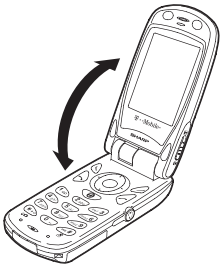




Hands free EARphone & MIC Connection

1. Put the pad over the earphone. You can use the hands free EARphone & MIC without the pads.
2. Open the earphone connector cap and insert the hands free EARphone & MIC plug into the earphone connector.
   For information on how to answer a call, refer to “Answering a Call” on page 6-32.

Flip Functions



When open:

- the main display is turned on and the keypad lights up.

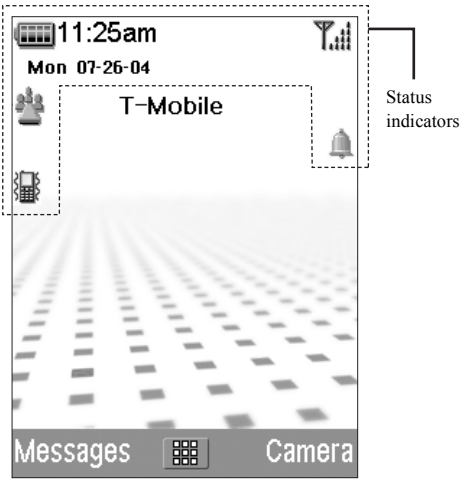
When closed:

- the external display is turned on and lights up.
- Java™ applications are suspended.
- the handset sends the busy tone to the caller.
  For information on how to set this function, refer to "Settings for Flipping the Handset Closed" on page 15-132.
- calls are terminated.
  For information on how to set this function, refer to "Settings for Flipping the Handset Closed" on page 15-132.

If closing the handset in "Create picture/video" mode, all unsaved data will be lost.

Display Indicators

Main Display



This section describes the status indicators displayed on top of the screen.

Status Indicators

1. / : Indicates the strength of the received signal or that the service is out of range.
2. : Indicates the battery level.
3. : Appears when in call.
4. / : Appears when a new Text message/Picture message has arrived.
5. : Appears when the “Outbox” contains messages you failed to send.
6. : Appears when vibration (page 15-124) is set.
7. : Appears when “Ringing volume” (page 15-123) is set to “Silent.”
8. : Appears when the alarm (page 13-104) is set.
9. / / / / / : Indicates the handset’s profiles: T-Mobile (no icon)/My profile/ Conference/Activity/In car/Silent (page 15-123).

10. T9: Appears when the T9 text input method is activated.

11. Abc / ABC / abc / 123: Indicates the text input method (First letter upper case mode/ Upper case mode/Lower case mode/Numeric mode).

12. J / J: Appears when a Java™ application is executed (color) or suspended (B/W).

13. / : Appears when viewing secured web pages.

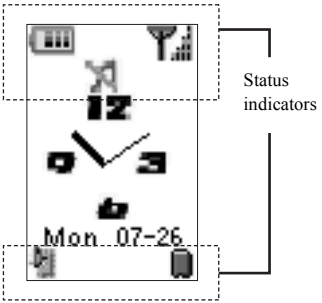
14. : Appears when “All calls” (page 15-133) is set to “On.”

15. : Appears when the handset is in data connection mode.

16. : Appears when the USB cable (supplied with the PC Link Kit CE-UC31) is connected to your handset.

17. : Appears when the memory card is inserted. For information on the memory card indicators, refer to page 3-19.

External Display



Status Indicators

1 / : Indicates the strength of the received signal or that the service is out of range.

2 : Indicates the battery level.

3 : Appears when the “Outbox” contains messages you failed to send.

4 : Appears when the alarm (page 13-104) is set.

5 : Appears when “All calls” (page 15-133) is set to “On.”

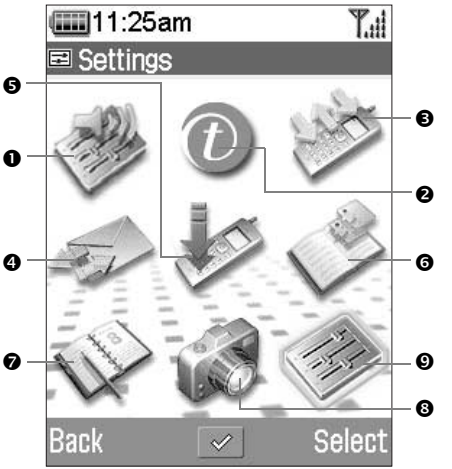
6 : Appears when “Ringing volume” (page 15-123) is set to “Silent.”

7 : Appears when the handset is in data connection mode.

8 : Appears when the USB cable (CE-UC31) is connected to your handset.

9 : Appears when the memory card is inserted. For information on the memory card indicators, refer to page 3-19.

Using the Main Menu



After turning your handset on, the **standby screen** appears. If you wish to use any functions other than the basic call operation, press ◯ once to get the **main menu**. This has 9 icons for functions, operations and settings. When you reach the main menu, use ⓘ, ⓖ, ⓒ or ⓒ (**navigation keys**) to navigate the cursor and press ◯ to select the function you wish to enjoy.

In this manual, the operation required to access functions is described by the operation of the navigation keys.

❶ **Profiles/ SIM Application**	❷ **t-zones**	❸ **Call Register**
❹ **Messages**	❺ **My Contents**	❻ **Contacts**
❼ **Organizer**	❽ **Camera**	❾ **Settings**

Basic Key Operations

Soft keys and the center key

Your handset uses soft keys (and) to help navigate the handset. At the bottom left and right side of the display, the respective operations of the keys are shown. The function of each soft key at any given time is displayed at the bottom left and right of the screen.

The function of the center key is displayed in the center by a graphical icon.

Example:

When [Back] is displayed as illustrated:

Press [Back] to return to the previous menu.

When [Select] is displayed as illustrated:

Press [Select] to select a menu item.

Navigation keys

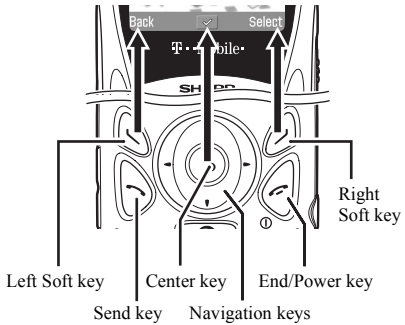
, , , indicate the navigation keys.

When you navigate the cursor to select an item, press , , or to highlight the item and press .

The end/power key

Press to return to the standby screen.

- *To return to the previous menu, you can also press except when returning to the standby screen.*
- *To select an item in the menu, [Select] can be used instead of . Also, can be used to select an item when ▶ is displayed at the right edge on the display.*



List of Menu Function Items

This table shows you the items in the function level (1st level), their respective menus (2nd level) and their page number.

Main Menu (1st level)	Sub Menu (2nd level) & Page No.
Profiles*	T-Mobile (page 15-123) My profile (page 15-123) Conference (page 15-123) Activity (page 15-123) In car (page 15-123) Silent (page 15-123)
SIM Application**	
t-zones	(page 10-68)
Call Register	Missed calls (page 14-110) Received calls (page 14-110) Dialed numbers (page 14-110) Call timers (page 14-113) Data counter (page 14-114)
Messages	Text message (page 11-70) Picture message (page 11-70) E-mail (page 11-70) Text templates (page 11-81) VoiceMail (page 11-83) Memory status (page 11-83) Cell Broadcasts (page 11-83)*** Cell info (page 11-85) Browser Alerts (page 11-85)
My Contents	Pictures (page 12-86) Sounds (page 12-93) Games & more (page 12-97) Videos (page 12-98) Memory status (page 12-101)
Contacts	Contacts list (page 9-54) Speed dial list (page 9-66) My numbers (page 9-67)
Organizer	Calendar (page 13-102) Alarm (page 13-104) Calculator (page 13-107) Voice notes (page 13-108) Phone help (page 13-109)
Camera	Create picture (page 7-38) Create video (page 7-43)
Settings	Phone settings (page 15-115) Profiles (page 15-123) Memory card (page 3-20) Connectivity (page 15-129) Java™ Date & Time (page 15-136) Security (page 15-138) Account settings (page 15-144) Internet Shortcuts settings (page 15-151) Master reset (page 15-152)

* If you set a non SAT-compatible SIM card, the “SIM Application” does not appear and “Profiles” appears instead. For information on “Profiles” settings, refer to “Setting the Profiles” on page 15-123.

** If you set a SAT-compatible SIM card on your handset, the information on the SIM card appears in the “SIM Application” menu. For information on the SIM card, contact your service provider.

*** This menu may not be available depending on your SIM card.

This section describes basic phone call functions. Confirm that the handset is on.

Making a Call

1 Open the handset and enter a phone number with the keypad.

2 Confirm the number and press ⦸.
Start talking when the connection is established.

If you enter a wrong number

Press ⦸ [Clear] to delete one digit. Press ⦸ [Clear] and hold for approximately 2 seconds to delete the last line. The handset returns to standby mode when all lines are deleted.

Ending a Call

Press ⦸ to end the call.

Closing the handset also ends a call. For information on the other operation when handset is closed, refer to "Settings for Flipping the Handset Closed" on page 15-132.

Answering a Call

1 The handset rings for an incoming call.
The handset vibrates when the vibration is set to "Enable" or "Link to sound." For information on the vibration setting, refer to "Setting the Vibration" on page 15-124.
If you wish to stop the handset ringing, press the side-down key (▼) to stop.

2 Press ⦸ or ⦸ [Answer].
The call is connected and "📞" appears.

When the Any Key Answer Function is Activated

To answer a call, press any key except ⦸ or ⦸ [Busy]. For information on "Any Key Answer," refer to "Setting Any Key Answer" on page 15-128.

When the hands free EARphone & MIC is connected

To answer a call, press and hold the button of the hands free EARphone & MIC for approximately 2 seconds.

- *When the Hands free EARphone & MIC is connected to the handset and the "Any Key Answer" function is set to "On," you can answer calls by pressing the ▲ or ▼ key.*
- *When the handset is connected to Hands free car kit and "Automatic answer" is set to "On," the handset automatically connects the call after the specified time and you can talk to the caller. For information on "Automatic answer," refer to "Setting the Automatic Answer" on page 15-128.*
- *If your subscription includes the CLI (Calling Line Identification) service, the caller's number appears on the screen. If the caller's name and number are stored in the "Contacts list," the caller's name and phone number appear on the screen.*
- *When receiving a call from a person whose picture is registered in the "Contacts list," the receiving display and the picture appear alternately. For more information on the "Contacts list" refer to "Using the Contacts List" on page 9-54.*
- *If the number is a restricted number, "withheld" appears.*

Rejecting an Incoming Call

You can reject a call you do not wish to answer.

1 Press ⏻ while the handset is ringing.

You can also reject an incoming call by closing the handset.

Redialing

The handset keeps a record of phone numbers for the 10 most recent calls missed, received or dialed. You can retrieve these phone numbers to make calls.

1 Press ⌐ while the handset is in standby mode.

2 Press ◁ or ▷ to highlight a category from "Missed calls," "Received calls" and "Dialed numbers."

3 Press ▲ or ▼ to highlight the number you wish to call.

4 Press ⌐ to redial the call.

Setting Automatic Redialing

This function makes the handset redial automatically when the first redial attempt is unsuccessful. For information on "Auto redial," refer to "Activating Auto Redial" on page 15-131.

Useful Functions

Speed Dialing

Up to 9 phone numbers from the “Contacts list” memory (Handset and SIM) can be assigned to speed dials. You can call the numbers using the digit keys. For information on the “Speed dial list,” refer to “Setting the Speed Dial List” on page 9-66.

1 To dial a number using the speed dial, press and hold any of the digit keys (2 to 9 and 0) for approximately 2 seconds.
The phone number stored in the “Speed dial list” is dialed.

1 cannot be used as the speed dial because it is already assigned to the “VoiceMail.”

Call Waiting

This service enables you to talk to a third party while you are in the middle of another call. After activating this service, a beep tone notifies you of the second call.

To activate this service, refer to “Activating the Call Waiting Service” on page 15-129.

1 During a call, press [Options].
The “Options” menu appears.

2 Press ↑ or ↓ to highlight “Hold & Answer” and press ●.
The second party is put on hold and you can talk to the third party.

3 Press [Options].
The “Options” menu appears.

4 Press ↑ or ↓ to highlight “Swap calls” and press ●.
You can switch between the two calls.

5 Press [Options].
The “Options” menu appears.

6 Press ↑ or ↓ to highlight “Release call” and press ●.
You are ending the current call to return to the held call.

- *The call waiting service may not be available on all networks. Contact your service provider for more information.*
- *If you do not wish to answer the second call, press [Options] and press ↑ or ↓ to highlight “Busy,” then press ● in step 2.*

Accessing the Text Message Menu During a Call

1 During a call, press [Options].
The "Options" screen appears.

2 Press or to highlight "Text message" and press .

3 Press or to highlight one of following options.
Selecting "Create message":
allows you to create a Text message.
Selecting "Inbox," "Sent" or "Drafts":
allows you to access these folders. For more information on Text messages, refer to "Using the Message Service" on page 11-69.

Conference Call

This service enables you to call more than 2 people at the same time. You can talk with 5 participants at most with this service. To make a conference call, you must have one active call and one held call.

1 With one active call and one held call, press [Options].
The "Options" menu appears.

2 Press or to highlight "Conference" and press .

3 Press or to highlight "Conference all" and press to initiate the conference call.
You can talk with all the people on the line.

4 Press to end the conference call.
The conference call ends.

To add new participants to the conference call

1 During the call, press [Options] and select "New call."

2 Enter the phone number you wish to include in the conference call.

3 Press .
After the call is connected, continue from the step 1 of "Conference Call."
If you wish to include other participants in the conference call, perform the same process again.

To put all the participants on hold

1 During the call, press [Options] and select in the following order:
"Conference" → "Conference all."

2 Press or to highlight "Conference hold all" and press .

To reject adding participants

1 During the call, press [Options].
The "Options" menu appears.

2 Press ⓢ or ⓣ to highlight "Busy" to send the busy tone and press ◯.

To put the current call on hold and continue having a conference call with the remaining participants

1 During the call, press [Options] and select in the following order:
"Conference" → "Conference all."

2 Press ⓢ or ⓣ to highlight "Exclude" and press ◯.

To end the call with all participants

1 During the call, press [Options] and select in the following order:
"Conference" → "Conference all."

2 Press ⓢ or ⓣ to highlight "Release all" and press ◯.

To end the call with a conference call participant

1 During a conference call, press ⓢ or ⓣ to highlight the person that you wish to disconnect from the conference call.

2 Press [Options].
The "Options" menu appears.

3 Press ⓢ or ⓣ to highlight "Release call" and press ◯.

To have a conversation with participants privately

When you wish to have a conversation with one of the participants privately, you can select a person from the conference list and put others on hold.

1 During a conference call, press ⓢ or ⓣ to highlight the person that you wish to talk in private with.

2 Press [Options].
The "Options" menu appears.

3 Press ⓢ or ⓣ to highlight "Conference" and press ◯.

4 Press ⓢ or ⓣ to highlight "Private" and press ◯.

5 When you have finished the private conversation, continue from step 1 of “Conference Call” (page 6-35).

The conference call service may not be available on all networks. Contact your service provider for more information.

Using the Camera

This handset features a built-in camera. The camera lets you take pictures or video clips and features a digital zoom. Once you've taken your picture or video, you can save it, then send it to others via Picture message. For information on how to send pictures and video clips, refer to "Sending Pictures/Video Clips" on page 7-48.

Capturing Still Images

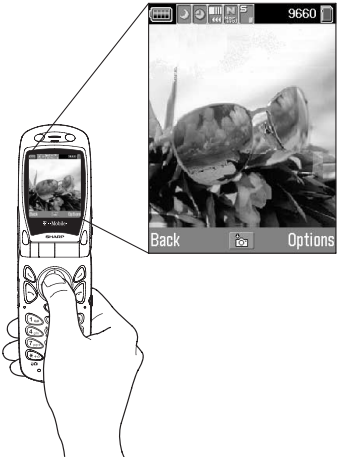
In "Create picture" mode, certain functions may be available only when the picture size is set to "Small." For information on how to set the picture size in "Create picture" mode, refer to "Selecting the Picture Size" on page 7-39.

1 Press ◯.
The main menu appears.

2 Press ⓤ, ⓓ, ⓛ or ⓡ to highlight "Camera" and press ◯.

3 Press ⓤ or ⓓ to highlight "Create picture" and press ◯.
The camera image appears in the display.

4 Hold the camera as illustrated.



5 Press ◯ or the side-down key ▽.
The shutter sound is heard and the shot still image appears.

6 Press [Options].
The "Options" menu appears.
If you press ●, the picture is saved to "My pictures" and you can send this picture via Picture message. If you wish to retake the picture without saving, press [Cancel] in this step. You can take the picture again.

7 Press ↑ or ↓ to highlight "Save" and press ●.
The picture is saved to "My pictures."
You can also select "Send via Picture message," "Send to My Album" or "Send to My Journal" from the "Options" menu.
For information on "Send via Picture message," "Send to My Album" and "Send to My Journal," refer to "Sending Pictures/Video Clips" on page 7-48.

- *Pressing [Camera] while the handset is in standby mode also activates the camera.*
- *If you wish to leave digital camera mode without saving the taken picture, press before step 6.*
- *While in the "Create picture" mode, you can switch to the "Create video" mode. Press [Options] to display the "Options" menu and select "Change to video mode," then press ●.*

- *This handset uses a CCD sensor. Although this handset has been manufactured carefully, some pictures may still appear too bright or too dark.*
- *If the handset has been left in a warm place for a long time before taking or registering a picture, the picture quality may be poor.*
- *Pictures taken with the camera may differ from the actual image of the subject in color and brightness.*

Selecting the Picture Size

Pictures are saved in JPEG format in the following four sizes.

Megapixel:	858 × 1144	pixels
Large:	768 × 1024	pixels
Medium:	480 × 640	pixels
Small:	240 × 320	pixels

1 At the main menu, select in the following order: "Camera" → "Create picture."

2 Press [Options].
The "Options" menu appears.

3 Press ↑ or ↓ to highlight "Picture size" and press ●.

4 Press ↑ or ↓ to highlight the picture size you wish to select and press ●.

Selecting the Picture Quality

1 At the main menu, select in the following order: "Camera" → "Create picture."

2 Press [Options].
The "Options" menu appears.

3 Press or to highlight "Picture quality" and press .

4 Press or to highlight "Normal" or "Fine" and press .

Adjusting the Brightness of the Picture

1 At the main menu, select in the following order: "Camera" → "Create picture."

2 Press (brighter) or (darker) to adjust the brightness (exposure level) of the picture.

Returning to the standby mode, resets the brightness setting to default.

Selecting the Shutter Sound

You can select the shutter sound from 3 preset patterns.

1 At the main menu, select in the following order: "Camera" → "Create picture."

2 Press [Options].
The "Options" menu appears.

3 Press or to highlight "Shutter sound" and press .

4 Press or to highlight the sound you wish to select and press .
You can select from "Pattern 1," "Pattern 2" or "Pattern 3."
To play back the shutter sound, press [Play].

Viewing the Saved Pictures

You can review the pictures saved in “My pictures.”

1 At the main menu, select in the following order: “Camera” → “Create picture.”

2 Press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “My pictures” and press ●.
The thumbnail index for saved pictures appears.

4 Press ⊙, ⊙, ⊙ or ⊙ to select the image you wish to view and press ●.
The selected picture appears.

- *When you save pictures, the assigned file names are “YMMDDnnn.jpg” (YMMDD is Y (Year), M (Month), D (Day) and nnn is a 3 digit number).*
- *You can view the file name and size of your pictures in the thumbnail index for saved pictures.*

Selecting the Frame

You can select and set a frame from preset patterns or saved pictures.

1 At the main menu, select in the following order: “Camera” → “Create picture.”

2 Press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Add frame” and press ●.

4 Press ⊙ or ⊙ to highlight “Preset frame” or “My pictures” and press ●.
If you do not wish to add a frame, select “Off.”

5 Press ⊙, ⊙, ⊙ or ⊙ to select the frame you wish to view and press ●.

- *You can select a frame only when the picture size is set to “Small.”*
- *If you activate “Continuous shooting” (page 7-42) you cannot set a frame.*
- *If you set frames from “My pictures,” select PNG format file only in step 5.*

Using Continuous Shooting

Four pictures are taken in succession. Auto shooting and manual shooting are available.

1 At the main menu, select in the following order: "Camera" → "Create picture."

2 Press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Continuous shooting" and press ●.

4 Press ⊙ or ⊙ to highlight "Auto shooting" or "Manual shooting" and press ●.
Auto shooting: Four pictures are taken in a row by pressing ● or ▼.
Manual shooting: Pictures are taken one by one by pressing ● or ▼.
To cancel continuous shooting, select "Off" in this step.

5 Press the side-down key ▼ or ● to start continuous shooting.
When the continuous shooting is finished, the pictures taken are saved automatically.
To end the function, press [Cancel].

- *You can use the continuous shooting function only when the picture size is set to "Small."*
- *If you select a frame for taking pictures, you cannot use the continuous shooting function.*

Shooting Video Images

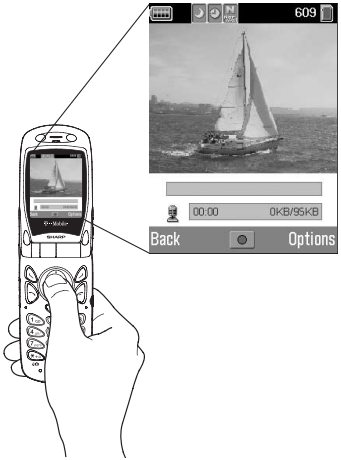
You can record video clips with sound.

1 Press ◯.
The main menu appears.

2 Press ⓤ, ⓡ, ⓛ or ⓓ to highlight “Camera” and press ◯.

3 Press ⓤ or ⓡ to highlight “Create video” and press ◯.
The video image appears in the display.

4 Hold the camera as illustrated.



5 Press ◯ or the side-down key (ⓓ).
The sound of starting the video recording is heard and the recording starts.
If you press ◯ or ⓓ again, the recording stops and the sound of ending the video recording is heard.

6 Press [Options].
The "Options" menu appears.

7 Press ⓘ or ⓙ to highlight "Save" (save to "My videos"), "Playback" (preview a video clip), "Send via Picture message," "Send to My Album" or "Send to My Journal" and press ●.
For information on "Send via Picture message," "Send to My Album" and "Send to My Journal," refer to "Sending Pictures/Video Clips" on page 7-48.

While in the "Create video" mode, you can switch to the "Create picture" mode. Press [Options] to display "Options" menu and select "Change to camera mode," then press ●.

The maximum size of a video clip that can be recorded at one time is 95 kbytes.

Selecting Video Quality

1 At the main menu, select in the following order: "Camera" → "Create video."

2 Press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓙ to highlight "Video quality" and press ●.

4 Press ⓘ or ⓙ to highlight "Normal" or "Fine" and press ●.

Adjusting the Brightness of Video Clips

In "Create video" mode, press ⓘ (brighter) or ⓙ (darker) to adjust the brightness (exposure level) of video clips.

Returning to the standby mode, resets the brightness setting to default.

Viewing Saved Video Clips

You can view saved video clips in "My videos."

1 At the main menu, select in the following order: "Camera" → "Create video."

2 Press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓙ to highlight "My videos" and press ●.
The thumbnail index for saved video clips appears.

4 Press ⓘ, ⓙ, ⓚ or ⓛ to select the video clip you wish to playback and press ●.

5 Press ●.
The selected video clip is played back.
To pause playback, press ●.
To resume playback, press ● again.
To stop playback, press [Back].
To display the video clip in actual size, press [×1].

6 After you have viewed the video clip, press [Back].
The display returns to the thumbnail index.

- *When you save video clips, the assigned file names are "YMMDDnnn.3gp" (YMMDD is Y (Year), M (Month), D (Day) and nnn is a 3 digit number).*
- *The file name and size of your pictures are displayed in the thumbnail index for saved video clips.*
- *If the video clip has been recorded with sound, the volume can be adjusted by pressing ⊙ or ⊙.*
- *The volume depends on the "Ringing Volume" setting (page 15-123). The volume is 0 when "Ringing Volume" is set to "Silent" or "Step Tone."*

Recording Video Clips without Sound

You can select to record video clips with or without sound.

In the default setting, the video clip is recorded with sound. To record the video clip without sound, follow the steps below.

1 At the main menu, select in the following order: "Camera" → "Create video."

2 Press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Audio recording" and press ●.

4 Press ⊙ or ⊙ to highlight "Off" and press ●.

Common Functions & Information

This section describes useful common functions you can use for both camera and video.

Using the Digital Zoom Function

1 At the main menu, select in the following order: "Camera" → "Create picture" or "Create video."

2 Press ⊖ to zoom out (the subject becomes smaller) or press ⊕ to zoom in (the subject becomes larger.)

The zooming ratio indicators appear automatically when ⊖ or ⊕ is pressed and disappear when the key is released.

The available zooming steps depend on the camera settings.

In "Create picture" mode:

When the picture size is set to "Small": steps 1 to 10

When the picture size is set to "Medium": steps 1 to 5

In "Create video" mode: steps 1 to 10

The digital zoom function is not available when picture size is set to "Megapixel" or "Large" in "Create picture" mode.

Taking Close-up Pictures

When the distance to the subject is approximately 2 inches (5 cm), set the macro switch to the macro position (🌷). When the distance to the subject is approximately 16 inches (41 cm) or more, set the macro switch to the normal position (👤).

1 At the main menu, select in the following order: "Camera" → "Create picture" or "Create video."

2 Set the macro switch to the macro position (🌷).

3 Press ● or the side-down key (▼) to take a picture or to record video.

To cancel macro mode

Set the macro switch to the normal position (👤).

Using the Delay Timer

1 At the main menu, select in the following order: "Camera" → "Create picture" or "Create video."

2 Press [Options].

The "Options" menu appears.

3 Press ▲ or ▼ to highlight "Delay timer" and press ●.

4 Press ▲ or ▼ to highlight "On" and press ●. "⏲" appears and returns to "Create picture/video" mode.

5 Press ◯ or the side-down key (▽) to start the delay timer.
10 seconds after the timer starts, the shutter sounds and the camera takes a picture or starts recording video.

To cancel the delay timer

1 Press [Options] while the delay timer setting is on.
The "Options" menu appears.

2 Press ⊙ or ⊙ to highlight "Delay timer" and press ◯.

3 Press ⊙ or ⊙ to highlight "Off" and press ◯.
The delay timer turns off.

- *If ◯ or the side-down key (▽) is pressed while the delay timer is operating, the picture is taken immediately.*
- *The zoom function with ⊙ or ⊙ and brightness adjustment of the picture/video with ⊙ or ⊙ are unavailable while the delay timer is operating.*
- *If you wish to stop taking pictures with the timer, press [Cancel] while the delay timer is operating.*

Using the Night Mode

This option allows you to take a picture of the best quality when it is dark.

1 At the main menu, select in the following order: "Camera" → "Create picture" or "Create video."

2 Press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Night mode" and press ◯.

4 Press ⊙ or ⊙ to highlight "On" and press ◯.
" " appears and the handset returns to "Create picture/video" mode.

Changing the View Finder

You can use the external display as the view finder. This function is convenient for taking a self-portrait or a group picture.

1 At the main menu, select in the following order: "Camera" → "Create picture" or "Create video."

2 Press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Change view finder" and press ◎.
The main display is turned off and the image through the camera lens appears in the external display.
When taking a picture or stopping a video recording, the view finder automatically switches to the main display.

You can also change the view finder by pressing ✱ (📷) in "Create picture/video" mode.

Sending Pictures/Video Clips

You can send your saved pictures/video clips to other handsets via Picture message.

1 After taking a picture or recording video, press [Options]. Press ⊙ or ⊙ to highlight "Send via Picture message" in the "Options" menu and press ◎.
For information on how to send pictures or video clips, refer to the page 12-91 for sending pictures and page 12-100 for sending video clips.

- *If you select "Send to My Album" or "Send to My Journal" instead of "Send via Picture message" in step 1, you can send pictures or video clips to the "My Album" or "My Journal" on the Internet for preservation. For information on the "My Album" and "My Journal," refer to "Sending Pictures to My Album or My Journal" on page 12-92 and "Sending Videos to My Album or My Journal" on page 12-100.*
- *If you wish to send a picture or video directly from "Create picture/video" mode after taking a picture or recording video, refer to "Shooting and Sending a Picture Function" below.*

Shooting and Sending a Picture/Video Function

After taking a picture or recording video, you can send it directly from "Create picture/video" mode via Picture message.

1 After taking a picture or recording video, press ◎.
The "Send to" list appears.
The last address where the message was sent is at the top of the list.

2 Press ⊙ or ⊙ to highlight the phone number or E-mail address of the recipient.
If you cannot find the phone number or E-mail address that you wish to send the picture to, select "Others…" and enter the necessary information.

3 Press ●.
Press ⏱ or ♀ to highlight "Send" and press ●.
The handset sends the message.

You can also send a voice note after recording. For information on the voice notes, refer to "Using Voice notes" on page 13-108.

Deleting Pictures/Video Clips

For information on how to delete pictures or video clips, refer to page 12-93 for deleting pictures and page 12-101 for deleting video clips.

When the Memory Space is Low

When the available space in "My pictures/My videos" memory is low, the remaining shots indicator in the upper left of the screen turns red. If the memory space becomes zero and when you try to take a picture again, "Memory full. You cannot take a picture!" ("Memory full. You cannot record a video!" in the "Create video" mode) appears.

Meanings of Indicators in the "Create Picture/Video" Mode

Remaining shots/sets indicator

123: Indicates the remaining number of pictures or video clips that can be taken or recorded.

Delay timer indicator (page 7-46)

: Indicates the delay timer is set.

Continuous shooting indicators (for the "Create picture" mode only) (page 7-42)

: Indicates pictures are taken in continuous shooting mode.

Picture size indicators (for "Create picture" mode only) (page 7-39)

Megapixel: 858 × 1144 pixels
Large: 768 × 1024 pixels
Medium: 480 × 640 pixels
Small: 240 × 320 pixels

Picture/video quality indicators (page 7-40, page 7-44)

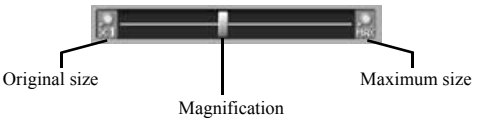
Indicates the quality of the picture or video to be recorded.

: Normal
: Fine

Picture/Video brightness (exposure level) indicators (page 7-40, page 7-44)

(+2): Bright
(+1): ↓
(±0): Normal
(-1): ↓
(-2): Dark

Zooming ratio indicators (page 7-46)



Audio recording indicators (for “Create video” mode only) (page 7-45)

: On
: Off

Night mode indicator (page 7-47)

: On

Entering Text

This section provides information on how to enter text using the handset keypad for contacts list entries and messages, etc. Before you try to enter text, you should familiarize yourself with the text input methods. In multi-tap input method, several characters are assigned to each key and you enter the desired character by pressing the key a few times.

Text Table for Multi-tap Input

The table indicates how many times you need to press a certain key to display the character you wish to enter. Pressing the key changes the character in order as shown in the table. When you reach the last character, it returns to the first one.

Example: Press 2abc once. “A” appears. Press twice. “B” appears.

English Mode

Key	Upper Case Characters	Lower Case Characters	Numeric
1	. (period) , (comma) - (hyphen) ? ! ’ (apostrophe) @ :1		1
2abc	ABC2	abc2	2
3def	DEF3	def3	3
4ghi	GHI4	ghi4	4
5jkl	JKL5	jkl5	5
6mno	MNO6	mno6	6
7pqrs	PQRS7	pqrs7	7
8tuv	TUV8	tuv8	8
9wxyz	WXYZ9	wxyz9	9
0	(space) + = < > € £ $ ¥ % & 0		0
*shift	* + P?		
#sym	. , ? ! : ; - + # * @ ' " ( ) _ & € £ $ % / ~ < > § = \ | ¥ ¿ ¡ ^ [ ] { } ¤ Å Ä Æ å ã æ à Ç É è é ì Ñ ñ Ö Ø ö ø ò ß Ü ü ù Δ Φ Γ Λ Ω Π Ψ ∑ Θ Ξ (space) (return)		

0-9: Press and hold to enter numbers 0-9.

*shift: Press and hold to shift to sentence mode, Upper case, Lower case or Numeric (Abc, ABC, abc or 123).

#sym: Press and hold to shift between multi-tap and T9 mode.

Selecting the Input Method

T9 Text Input

T9 text input method is a shortcut to enter text easily and quickly.

1. In the text entry screen, press [Options]. The "Options" menu appears.
2. Press ⊙ or ⊙ to highlight "Input method" and press ●.
3. Press ⊙ or ⊙ to highlight the T9 mode (T9 Abc,T9 ABC, T9 abc) you wish to select and press ●. "T9" appears on the top of the display.
4. Press each key once for any letter on that key. **Example:** To enter the word "How," press 4 6 9.
5. If the word shown isn't the one you want, press ⊙ or ⊙ and highlight the correct one.
6. Press ● to select the word.

If the correct word is not shown in step 5, enter the correct word again after switching to the multi-tap input method.

If you press 0 instead of step 6, a space is inserted next to the selected word.

Entering Symbols and Punctuation

To enter symbols or punctuation, press 1.

Selecting the Input Language

You can select the input language in the text entry screen.

1. In the text entry screen, press [Options]. The "Options" menu appears.
2. Press ⊙ or ⊙ to highlight "Input language" and press ●.
3. Press ⊙ or ⊙ to highlight the language you wish to select and press ●. You can select the input language from 11 languages.

Using Text Templates

You can use the sentences registered in “Text templates” when entering text. For information on how to create the text templates, refer to “Saving Phrases to the Text Template” on page 11-81.

1 In the text entry screen, press ⊙, ⊙, ⊙ or ⊙ to move the cursor to the point you wish to insert the template.

2 Press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Text template” and press ●.

4 Press ⊙ or ⊙ to highlight the text template you wish to select and press ●.
The selected text template is inserted.

Using the Contacts List

In the “Contacts list,” you can store the phone numbers and E-mail addresses of your friends, family and colleagues, etc. Using “Contacts list,” you can dial or send messages easily without entering a phone number or an E-mail address manually.

Contacts List Basics

In the “Contacts list,” you can store up to 500 phone numbers and E-mail addresses. In each entry, you can store the following items.

Items stored in the handset memory

Name:	Up to 30 characters
Phone number:	Up to 40 digits, 3 phone numbers / entry
E-mail Address:	Up to 60 characters, 2 addresses / entry
Group:	Selectable from 8 groups
Address:	Up to 100 characters
Note:	Up to 60 characters
Thumbnail image:	1 image

Items stored in the SIM memory

Name:	The number of characters that can be stored differs depending on the SIM card you use.
Phone number:	Up to 40 digits

The capacity of the “Contacts list” differs between when storing in your handset memory and when storing in the SIM card. For example, you cannot store a thumbnail image in the “Contacts list” in the SIM card.

Viewing the Contacts List

1. Press ●.
   The main menu appears.
2. Press ⑤, ⑧, ⑦ or ⑨ to highlight “Contacts” and press ●.
3. Press ⑤ or ⑧ to highlight “Contacts list” and press ●.
   The index view of the “Contacts list” appears.

You can also access the “Contacts list” by pressing ⑧ while in standby mode.

The “Contacts list” stored in the handset is empty when you purchase the handset.

Selecting the Memory

You can store new entries in the “Contacts list.” Before saving new entries or viewing stored entries in the “Contacts list,” you can select the handset memory or the SIM card memory.

Selecting the Memory for saving

1. At the main menu, select in the following order: “Contacts” → “Contacts list.”
2. Press [Options].
   The “Options” menu appears.
3. Press or to highlight “Advanced” and press .
4. Press or to highlight “Save to” and press .
5. Press or to highlight “Handset,” “SIM” or “Selection” and press .
   If you select “Selection,” you can select the memory (of the handset or SIM card) each time a new entry is saved. For information on how to select the memory when saving a new entry, refer to “Saving Information to the Contacts List” on page 9-56.

Selecting the Memory for viewing

1. At the main menu, select in the following order: “Contacts” → “Contacts list.”
2. Press [Options].
   The “Options” menu appears.
3. Press or to highlight “Advanced” and press .
4. Press or to highlight “Source” and press .
5. Press or to highlight “Handset,” “SIM” or “SIM + Handset” and press .

Saving Information to the Contacts List

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓖ to highlight "Add new contact" and press ◎.
The "New Entry" screen appears.
If you select "Selection" in step 5 of "Selecting the Memory for saving" (page 9-55), specify the memory (Handset or SIM) each time before making an entry.
When selecting "Handset entry":
Items you can enter are "Name," "Phone 1," "Phone 2," "Phone 3," "E-mail 1," "E-mail 2," "Group," "Address" and "Note."
When selecting "SIM entry":
Items you can enter are only "Name" and "Phone."

4 Press ⓘ or ⓖ to highlight the item you wish to enter and press ◎.
The entry screen appears. For information on how to enter text, refer to "Entering Text" on page 8-51.

5 When you finish entering the information, press [Save].

For information on items or the number of the characters you can enter in the handset or SIM card memory, refer to "Contacts List Basics" on page 9-54.

Adding a Phone Number from Call Register Entries

You can enter the phone numbers and names of the caller in the "Contacts list" from "Call Register" logs such as "Missed calls," "Received calls" or "Dialed numbers."

1 Display the "Call Register" log you wish to select from.
For information on "Call Registers," refer to "Using the Call History" on page 14-110.

2 Press ⓘ or ⓖ to highlight the number you wish to save in the "Contacts list" and press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓖ to highlight "Save to Contacts" and press ◎.

4 Follow the steps from step 3 of "Saving Information to the Contacts List" to complete the operation.

Saving an Input Phone Number to the Contacts List

1 After you enter the phone number in standby mode, press [Save].

2 Follow the steps from step 3 of "Saving Information to the Contacts List" (page 9-56) to complete the operation.

Dialing from the Contacts List

When dialing from the "Contacts list," display the index view of the "Contacts list" first.

Dialing from the Contacts List

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ⓘ or ⓘ to highlight the name you wish to call and press to dial.
If there are two or more entries registered in the selected entry, press ⓘ or ⓘ to highlight the phone number you wish to call and press .
If no entries are found in the list, you can create an entry from the list. Press [Options] and follow step 3 onward of "Saving Information to the Contacts List" (page 9-56).

If you cannot find the name you wish to dial or send messages to, follow the steps in "Searching a Name and Number in the Contacts List" (page 9-58).

Dialing from the Details Screen

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ⊙ or ⊙ to highlight the name which contains the phone number you wish to dial and press ●.
The detail screen appears.

3 Press ⊙ or ⊙ to highlight the phone number you wish to dial and press ⌂ to dial.

Sending Messages from the Details Screen

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ⊙ or ⊙ to highlight the name you wish to call and press ●.
The detail screen appears.

3 Press ⊙ or ⊙ to highlight the phone number or E-mail address of the recipient you wish to send a message to.

4 Press ⊘ [Options].
The "Options" menu appears.

5 Press ⊙ or ⊙ to highlight "Send message" and press ●.

6 Press ⊙ or ⊙ to highlight "via Text message," "via Picture message" or "via E-mail" and press ●.

Searching a Name and Number in the Contacts List

If you cannot find the name or number you wish to call at a glance in index view, you can search for it by entering the first few characters.

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ⊘ [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Search" and press ●.

4 Enter the first few characters of the name you wish to call.
Matched results appear in alphabetical order. If there is no exact entry in the "Contacts list," the similar names appear alphabetically.

5 Press ⊙ or ⊙ to scroll through the list for selecting the name you wish to call and press ●. The detail screen of the “Contacts list” appears.

You can also dial by pressing ◠ when the name you wish to call is highlighted in step 4.

Editing the Contacts List

If you cannot find the name you wish to edit, follow the steps in “Searching a Name and Number in the Contacts List” (page 9-58).

Editing a Contacts List Entry

1 At the main menu, select in the following order: “Contacts” → “Contacts list.”

2 Press ⊙ or ⊙ to highlight the name you wish to edit.

3 Press ◠ [Options].
The “Options” menu appears.

4 Press ⊙ or ⊙ to highlight “Edit” and press ●.
The “Edit Entry” screen appears.

5 Press ⊙ or ⊙ to highlight the item you wish to edit and press ●.

6 When you have finished editing, press ●.
If you wish to edit another item, repeat steps 5 and 6.

7 Press [Save].
The changes are saved.
If you do not wish to save the changes, press [Options] before step 7 and press ⊙ or ⊙ to highlight "Cancel," then press ◎.

Adding a Thumbnail Image to Entries (for the handset entry only)

You can add a thumbnail image to entries in the handset memory.

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ⊙ or ⊙ to highlight the entry you wish to add a thumbnail image to and press ◎.
The detail screen appears.

3 Press [Options].
The "Options" menu appears.

4 Press ⊙ or ⊙ to highlight "Thumbnail" and press ◎.
The thumbnail list (the "My pictures" screen) appears.

5 Press ⊙, ⊙, ⊙ or ⊙ to highlight a thumbnail image you wish to add and press ◎.

6 Press [Save] to add a thumbnail image to the entry.

- *Picture up to 150 kbytes can be added to entries as a thumbnail image.*
- *You cannot add thumbnail images to entries in the SIM Memory.*

To change the thumbnail image in the "Contacts list" entry

Select "Change" after step 4.

To remove the thumbnail image in the "Contacts list" entry

Select "Remove" after step 4.

The "Options" menu items "Change" and "Remove" appear only when a thumbnail image is added to the selected entry.

If you delete an image added as a thumbnail in "My pictures," the corresponding thumbnail image is also removed.

Setting the Ringtone for a Contacts List Entry (for the handset entry only)

You can set a ringtone or the vibration to a "Contacts list" entry in the handset memory.

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ⊙ or ⊙ to highlight the name you wish to set and press ●
The detail screen appears.

3 Press [Options].
The "Options" menu appears.

4 Press ⊙ or ⊙ to highlight "Ringtone" and press ●.

5 Press ⊙ or ⊙ to highlight "On" and press ●.
If you wish to cancel the ringtone setting, select "Off" in this step.

6 Press ⊙ or ⊙ to highlight "Assign melody" and press ●.

7 Press ⊙ or ⊙ to highlight "t-zones MegaTones," "My sounds" or "T-Mobile" and press ●.
The files in "T-Mobile" are preset data.

8 Press ⊙ or ⊙ to highlight the ringtone you wish to set and press [Select].
For more information on how to select a ringtone, refer to "Setting a Melody as the Ringtone" on page 15-124.

9 Press ⊙ or ⊙ to highlight "Vibration" and press ●.

10 Press ⊙ or ⊙ to highlight "Enable," "Disable" or "Link to sound" and press ●.
For information on how to set the vibration, refer to "Setting the Vibration" on page 15-124.

11 When setting is complete, press [Back] and [Save].

Copying Entries Between Memories

You can copy entries between the handset and SIM card memories. This function is useful when you wish to backup entries or organize your memory space. Before copying, make sure of which memory's entries are displayed on the display.

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ⊙ or ⊙ to highlight the name which you wish to copy to another memory.

3 Press ◎ to display the detail screen and press ⓘ or ⓖ to highlight the phone number you wish to copy.

4 Press ▯ [Options].
The "Options" menu appears.

5 Press ⓘ or ⓖ to highlight "Copy to SIM" to copy the entry to the SIM card or "Copy to handset" to copy the entry to the handset memory and press ◎.
The name and the phone number selected in step 2 are copied to another memory.
If you select "Copy to SIM," the message "Some data may be lost. OK?" appears. Press ▯ [Yes] to complete the operation.

Even if multiple phone numbers are registered to one name, you can copy only one phone number per name to the SIM card.

Copying All Entries from the SIM Card to the Handset Memory

You can copy all entries from the SIM card to the handset memory at once. This function is useful when you restore the handset memory with the backup copy in the SIM Card.

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ▯ [Options].
The "Options" menu appears.

3 Press ⓘ or ⓖ to highlight "Advanced" and press ◎.

4 Press ⓘ or ⓖ to highlight "Copy all from SIM" and press ◎.

5 Press ▯ [Yes].
If you wish to cancel, press ▯ [No] in this step.

Swapping the Location Number of the Phone Number (for SIM card entries only)

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press ⓘ or ⓖ to highlight the desired name and press ◎.

3 Press ⓘ or ⓖ to highlight the desired phone number and press ▯ [Options].
The "Options" menu appears.

4 Press ⓘ or ⓖ to highlight “Swap” and press ◯.

5 Enter the location number you wish to swap and press ◯.

Deleting a Contacts List Entry

If you cannot find the desired name, follow the steps in “Searching a Name and Number in the Contacts List” (page 9-58).

1 At the main menu, select in the following order: “Contacts” → “Contacts list.”

2 Press ⓘ or ⓖ to highlight the name you wish to delete.

3 Press ⌀ [Options].
The “Options” menu appears.

4 Press ⓘ or ⓖ to highlight “Delete” and press ◯.

5 Press ⌀ [Yes].
If you wish to cancel, press ⌀ [No] in this step.

Once you delete a “Contacts list” entry, it cannot be restored.

Deleting All Contacts List Entries

You can delete all entries in the “Contacts list.” Before deleting all “Contacts list” entries, ensure that you are accessing the memory you wish to delete. For information on how to select the memory for “Contacts list” entries, refer to “Selecting the Memory” on page 9-55.

1 At the main menu, select in the following order: “Contacts” → “Contacts list.”

2 Press ⌀ [Options].
The “Options” menu appears.

3 Press ⓘ or ⓖ to highlight “Advanced” and press ◯.

4 Press ⓘ or ⓖ to highlight “Delete all entries” and press ◯.

5 Enter your handset code and press ◯.
For information on the handset code, refer to “Enabling the Handset Lock” on page 15-139.

6 Press ⓘ or ⓖ to highlight “Handset entries” or “SIM entries” and press ◯.

7 Press ⌀ [Yes].
If you wish to cancel, press ⌀ [No] in this step.

Once you delete all entries in the “Contacts list,” they cannot be restored.

Setting the Groups

You can set group icons when saving the “Contacts list” entries to the handset memory so that you can easily find and edit them.

Viewing Groups

1. At the main menu, select in the following order: “Contacts” → “Contacts list.”
2. Press [Options].
   The “Options” menu appears.
3. Press ⓘ or ⓖ to highlight “Group” and press ◯.
4. Press ⓘ or ⓖ to highlight “View groups” and press ◯.
5. Press ⓘ or ⓖ to highlight the group name you wish to hide and press ◯.
   The check box indicates that the group has been selected.

In step 5, press [Options] to display the “Options” menu and select “Select current only” to view only the selected group or “Select all” to view all groups.

Group Call

You can set different ringtones for each group. When you purchase this handset, groups are set to off. If you do not set a group ringtone, the ringtone assigned in the “Profiles” is used. For information on the “Profiles,” refer to “Setting the Profiles” on page 15-123.

1. At the main menu, select in the following order: “Contacts” → “Contacts list.”
2. Press [Options].
   The “Options” menu appears.
3. Press ⓘ or ⓖ to highlight “Group” and press ◯.
4. Press ⓘ or ⓖ to highlight “Group call” and press ◯.
5. Press ⓘ or ⓖ to highlight the group name you wish to set and press ◯.
6. Press ⓘ or ⓖ to highlight “On” and press ◯.
   If you wish to cancel the ringtone setting, select “Off” in this step.
7. Press ⓘ or ⓖ to highlight “Assign melody” and press ◯.

8 Press ⓘ or ⓖ to highlight "t-zones MegaTones," "My sounds" or "T-Mobile" and press ◯.
The files in "T-Mobile" are preset data.

9 Press ⓘ or ⓖ to highlight the ringtone you wish to set and press [Select].
For more information on how to select a ringtone, refer to "Setting a Melody as the Ringtone" on page 15-124.

10 Press ⓘ or ⓖ to highlight "Vibration" and press ◯.

11 Press ⓘ or ⓖ to highlight "Enable," "Disable," or "Link to Sound" and press ◯.
For information on how to set the vibration, refer to "Setting the Vibration" on page 15-124.

Checking the Memory Status

You can check the number of entries registered in the "Contacts list."

1 At the main menu, select in the following order: "Contacts" → "Contacts list."

2 Press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓖ to highlight "Memory status" and press ◯.
You can check the memory status of the handset memory and SIM card.

Setting the Speed Dial List

You can set a maximum of 9 phone numbers in the "Speed dial list."

For information on making a call with Speed dialing, refer to "Speed Dialing" on page 6-34.

Setting Contacts List entries in the Speed Dial List

If you cannot find the desired name, follow the steps in "Searching a Name and Number in the Contacts List" (page 9-58).

1. At the main menu, select in the following order: "Contacts" → "Contacts list."
2. Press ⊙ or ⊙ to highlight the name you wish to add to the "Speed dial list" and press ●.
   The detail screen appears.
3. Press ⊙ or ⊙ to highlight the number you wish to add to the "Speed dial list" and press [Options].
   The "Options" menu appears.
4. Press ⊙ or ⊙ to highlight "Add to Speed dial" and press ●.
5. Press ⊙ or ⊙ to highlight the number you wish to set and press ●.

The nine digit keys correspond to list numbers.

Viewing the Speed Dial List

1. At the main menu, select "Contacts."
2. Press ⊙ or ⊙ to highlight "Speed dial list" and press ●.
   The "Speed dial list" appears.

Deleting the Speed Dial List

1. At the main menu, select "Contacts."
2. Press ⊙ or ⊙ to highlight "Speed dial list" and press ●.
   The "Speed dial list" appears.
3. Press ⊙ or ⊙ to highlight the item you wish to delete and press [Options].
   The "Options" menu appears.
4. Press ⊙ or ⊙ to highlight "Delete" and press ●.
5. Press [Yes].
   If you wish to cancel, press [No] in this step.

To re-assign another phone number to a "Speed Dial"

Select "Re-assign" in step 4 of "Deleting the Speed Dial List" (page 9-66).

To clear all the "Speed dial list" items

Select "Clear all" in step 4 of "Deleting the Speed Dial List" (page 9-66).

Checking Own Numbers

You can check your own voice, data and fax phone numbers.

1 At the main menu, select "Contacts."

2 Press ⓘ or ⓖ to highlight "My numbers" and press ◯.

3 Press ⓘ or ⓖ to highlight "Voice," "Data" or "Fax."
The phone number you wish to check appears.

- *"Voice," "Data" or "Fax" may not be displayed depending on the SIM card.*
- *Also the terms and the numbers of the records displayed in the display for "Voice," "Data" or "Fax" may differ depending on the SIM card.*
- *If your number is not saved on your SIM card, you can enter it yourself. (Certain SIM cards do not support this function.)*

Accessing “t-zones”

The handset is already designed to access the “t-zones” multimedia services from T-Mobile and receive information from the service.

“t-zones” is your gateway to entertainment, information and excitement. For accessing “t-zones” and mobile Internet surfing, the handset has the browser (WAP) pre-installed. Through the browser, you can get useful information and data. Web pages you can access and view are designed for handset configurations.

If you have any problems connecting to this network, call your network operator.

Viewing the Browser

Press ◉ while the handset is in standby mode.

The handset starts to access the “t-zones” site.

◉ also can be used while the handset is in the main menu or 2nd level menu.

Navigating a Web Page

ⓐⓖⓒⓓ:	Navigate the highlights on the screen.
◉:	Performs the option displayed in the lower center of the screen.
ⓑ:	Launches the browser option menu.
ⓔ:	Selects an action displayed in the lower left corner of the screen.
0 (press and hold):	Starts the Go to URL.
1 to 9 (press and hold):	Starts the Bookmark.
ⓕ (short press):	Exit the browser.

Using the Message Service

This section provides information on how to create, send, receive and read messages using the handset. With the handset, you can send and receive not only text messages but also messages with pictures, sounds or videos. Pictures taken and sounds and video clips recorded with the handset can be sent to other handsets or e-mail addresses for viewing if they have the same media playback capability.

Message Types Available with the Handset

With the handset, the three types of messages are available.

Text message: This service enables you to send text only messages of up to 1024 characters to other users. You can send or receive messages even if you are talking on the handset. Also text templates are available to help you compose messages.

Picture message: Your handset is already enabled to deal with Picture messages. You can send messages with graphical images, photographs, sounds, animations or video clips attached, and receive Browser alerts.

E-Mail: This function enables you to directly access the E-mail messaging service for your internet service provider. For information on how to set up your E-mail function, refer to “Setting an Account” on page 15-144.

- *When sending Text message, messages exceeding 160 characters are divided during the sending process. If the recipient uses a compatible handset, divided messages are recombined and delivered as one message. If sent to a non-compatible handset, messages are divided into 152 character lots and delivered separately.*
- *When sending Picture message, the size of the message that can be sent is up to 295 kbytes.*
- *Some messaging functions may not be available, depending on the network service you use. If you experience any problems using these services, contact your service provider for details.*

Creating and Sending Messages

Basic Operation

The following steps show you the basic way to create and send messages.

1 Press ●.
The main menu appears.

2 Press ↑, ←, → or ↓ to highlight "Messages" and press ●.
The "Messages" menu appears.

3 Press ↑ or ↓ to highlight "Text message," "Picture message" or "E-mail" and press ●.
The messaging menu appears.

4 Press ↑ or ↓ to highlight "Create message" and press ●.

5 Enter the phone number or E-mail address of the destination you wish to send the message to and press ●.
If you are sending a Text message:
You can only enter a phone number.
If you are sending a Picture message:
You can enter either a phone number or an E-mail address.
If you are sending an E-mail message:
You can only enter an E-mail address.
If you wish to select a phone number from the "Contacts list" as the destination for the message, press ↓ to display "Contacts list" and you can search for the phone number entering only the first few characters. For information on how to search "Contact list" entries, refer to "Searching a Name and Number in the Contacts List" on page 9-58.

6 Enter your message.
For information on how to enter text, refer to "Entering Text" on page 8-51.
If you select "Picture message" or "E-mail" in step 2, you can add the subject for the message after this step. For information on how to add the subject, refer to "To add the subject of the message" on page 11-72.

You can check the message length at the top right of the message screen to figure out how many more characters you can enter.

7 When you have finished writing the message, press ●.

8 Press ↑ or ↓ to highlight "Send" and press ●.
The handset starts to send the message. After sending the message, the message is listed in the "Sent" box.
If you wish to save the message in the "Draft" box, select "Save to Drafts."

- *When sending Text message of more than 160 characters, a confirmation message appears. Press [Yes] to send or [No] to cancel.*
- *In case the Picture message or E-mail message cannot be sent for some reason, the message stays in the Outbox and "" is displayed on the standby screen.*

To use the text templates

The text templates you have created and stored in the handset are also available when creating messages. For information on how to create text templates, refer to "Making Text Templates" on page 11-81.

1. At the main menu, select in the following order: "Messages" → select "Text message," "Picture message" or "E-mail" → "Create message." Enter the phone number or E-mail address and press ●.
2. Press ↑, ↓, ← or → to move the cursor to the point you wish to insert the text template, and press [Options].
3. Press ↑ or ↓ to highlight "Text template" and press ●.
4. Press ↑ or ↓ to highlight the template you wish to enter from the list and press ●. Go back to step 6 of "Creating and Sending Messages" on page 11-70.

To add recipients to the message

1. After entering a message, press ●.
2. Press ↑ or ↓ to highlight "Add contact" and press ●.
3. Press ↑ or ↓ to highlight "To," "Cc" or "Bcc" and press ●.
   If you are sending Text message, only "To" list screen appears. If you are sending Picture message, you cannot select "Bcc."
4. Enter the phone number or E-mail address of the additional recipient and press ●.
   If you are sending Text message, select a blank line from the "To" list and enter a phone number.
5. When adding recipients is complete, press [Back].

You can enter up to 60 characters for "To," "Cc" or "Bcc." It may be limited depending on your service provider. Contact your service provider if you have a problem sending mail.

To send a message from the Draft box

1. At the main menu, select in the following order: "Messages" → select "Text message," "Picture message" or "E-mail."

2 Press ⓘ or ⓖ to highlight "Drafts" and press ◎.

3 Press ⓘ or ⓖ to highlight the message you wish to send in the Drafts box and press [Options].
The "Options" menu appears.

4 Press ⓘ or ⓖ to highlight "Send" and press ◎.
If you wish to modify the message, follow step 4 of "To modify a message" below instead of selecting "Send" in this step.

To modify a message

You can modify an original message you made before or after sending it. If the message you wish to modify is in the "Drafts," "Sent" or "Outbox," select the respective box in step 2.

1 At the main menu, select in the following order: "Messages" → select "Text message," "Picture message" or "E-mail."

2 Press ⓘ or ⓖ to highlight "Drafts," "Sent" or "Outbox" and press ◎.
If you select "Text message" in step 1, you cannot select "Outbox" in this step.

3 Press ⓘ or ⓖ to highlight the message you wish to modify.

4 Press [Options].
The "Options" menu appears.

5 Press ⓘ or ⓖ to highlight "Edit message" (select "Edit" for Text message) and press ◎.

6 Modify the message and press ◎.

- *You can also modify the received messages when replying or forwarding them. For information on how to reply or forward the messages, refer to "Replying and Forwarding Messages" on page 11-75.*
- *You cannot modify a "Slide show" message that is created on another handset.*

To add the subject of the message (for Picture message and E-mail only)

1 After entering a message, press ◎.

2 Press ⓘ or ⓖ to highlight "Subject" and press ◎.

3 Enter the subject of the message and press ◎.

You can enter up to 40 characters as the subject. It may be limited depending on your network service. Contact your service provider if you have a problem sending mails.

To attach data (for Picture message only)

You can send pictures, sounds and video clips saved in the handset by attaching them to Picture message.

- *When attaching video clips, "Slide show" is set to "Off" automatically.*
- *EVA (e-Animation file) cannot be attached to the message.*

1 At the main menu, select in the following order: "Messages" → "Picture message" → "Create message"
Enter the phone number or E-mail address and press ●.

2 Press [Options].
The "Options" menu appears.

3 Press ↕ or ↕ to highlight "Attach picture," "Attach sound" or "Attach video" and press ●.
The list of "My pictures," "My sounds" or "My videos" appears.

4 Press ↕, ↕, ↔ or ↕ to highlight the file you wish to attach and press ●.
The selected picture, sound or video clip is attached. Press ● to return to the message edit screen.
If you wish to remove the attached data, press ↕ or ↕ to highlight the file name you wish to remove and press [Options]. Then select "Remove" from the "Options" menu. Press [Yes] to remove or press [No] to cancel.

To send a message using the message template (for Picture message only)

You can send message templates with an image and voice attached.

1 At the main menu, select in the following order: "Messages" → "Picture message" → "Message template."

2 Enter the phone number or E-mail address and press ●.

3 Press ↕ or ↕ to highlight a template you wish to send and press ●.

To set the slide show on and off (for Picture message only)

This function enables you to create messages that have up to 10 slides. Each slide can contain one picture, one sound file and up to 1000 characters of text (up to the message total of 295 kbytes).

The options available for the slide are:

Add: To add a new slide.

Remove: To remove the active slide.

Previous: To navigate to the previous slide.

Next: To navigate to the next slide.

- *Video clip data cannot be attached to the message as slide data.*
- *If you select "Off," you can attach 20 pictures, sounds or video clips up to 295 kbytes in total.*

1 At the main menu, select in the following order: "Messages" → "Picture message" → "Settings." The "Settings" menu appears.

2 Press ⊙ or ⊙ to highlight "Slide show" and press ◎.

3 Press ⊙ or ⊙ to highlight "On" or "Off" and press ◎.

Receiving and Reading Messages

Receiving Messages

When the handset is within the service area, Text messages and Picture messages are received and saved in the Inbox automatically. Meanwhile, you need to operate manually to receive E-mail messages held at the service provider. For information on how to receive E-mail messages, refer to "To receive E-mail messages" on page 11-75.

Also, you may need to download Picture messages manually. For information on how to download Picture messages manually, refer to "To retrieve a message (for Picture message only)" on page 11-79.

When receiving messages, the following indicator appears at the top of the standby screen depending on the type of the received message.

Text message: **Picture message:** **E-mail:**

When you receive Text message, the sender's phone number and a part of the message appears. When the sender's phone number is stored in the "Contacts list," the sender's name appears instead of the phone number.

- *A message with "✉" (Text message), "🖼" (Picture message) or "📎" (Picture message with attachment) icon indicates an unread message.*
- *If the "Inbox," "Sent" or "Drafts" box is full, red icon is displayed. Delete unwanted messages. For information on how to delete messages, refer to "Deleting Messages" on page 11-77.*

To receive E-mail messages

1 At the main menu, select in the following order: "Messages" → "E-mail" → "Inbox."
The message "Check new E-mail?" appears. If you select "Yes," the messages are delivered.
To retrieve messages again, press [Options] and press ⓘ or ⓖ to highlight "New E-mail check," and then press ●.
For information on reading messages, refer to "Reading Messages" below.

Reading Messages

Choose the desired message in the Inbox to read the received messages.

1 At the main menu, select in the following order: "Messages" → select "Text message," "Picture message" or "E-mail."

2 Press ⓘ or ⓖ to highlight "Inbox" and press ●.
Picture messages that are marked with a clip denote mails with attachments.

3 Press ⓘ or ⓖ to highlight the message you wish to read and press ●.

4 Press ⓘ or ⓖ to scroll through the message.

5 When you have finished reading the message, press [Back].

Replying and Forwarding Messages

You can reply to the sender of a received message or forward the received message to another destination. Also, you can modify the received message when replying or forwarding. You can also call the sender of the message using the phone number contained in the message.

To reply to a message

1 At the main menu, select in the following order: "Messages" → select "Text message," "Picture message" or "E-mail" → "Inbox."

2 Press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓖ to highlight "Reply" and press ●.

4 Enter your message.
For information on how to enter text, refer to "Entering Text" on page 8-51.

5 Press ◯ and select "Send."

If you wish to reply to all addresses on a Picture message or E-mail message, select "Reply All" in step 3.

To forward a message

1 At the main menu, select in the following order: "Messages"→ select "Text message," "Picture message" or "E-mail" → "Inbox."

2 Press ⓘ or ⓖ to highlight the message you wish to forward.

3 Press [Options].
The "Options" menu appears.

4 Press ⓘ or ⓖ to highlight "Forward" and press ◯.

5 Enter the phone number or E-mail address of the recipient and press ◯.
If you wish to select the phone number (for Text message and Picture message) or E-mail address (for Picture message and E-mail) in the "Contacts list," refer to "Searching a Name and Number in the Contacts List" on page 9-58.

- *When you forward a Picture message, the attached data is also sent to the recipient. However, the handset will not send any data it recognizes as having copyrights.*
- *The "Subject" field is automatically filled with the original subject preceded by "Fw:." The original message cannot be changed.*

To call the sender

You can call the sender of a Text message or Picture message in the "Inbox" whose address (From) is the phone number.

1 At the main menu, select in the following order: "Messages" → select "Text message" or "Picture message."

2 Press ⓘ or ⓖ to highlight "Inbox" and press ◯.

3 Press ⓘ or ⓖ to highlight the message from the sender you wish to call and press [Options].
The "Options" menu appears.

4 Press ⓘ or ⓖ to highlight "Call sender" and press ◯.

To extract the phone number from the received message

You can call using phone number contained only in the received Text message.

1 At the main menu, select in the following order: “Messages” → “Text message.”

2 Press ⊙ or ⊙ to highlight “Inbox,” “Drafts” or “Sent” and press ●.

3 Press ⊙ or ⊙ to highlight the message that contains the phone number you wish to extract and press ●.

4 Press ▯ [Options].
The “Options” menu appears.

5 Press ⊙ or ⊙ to highlight “Extract numbers” and press ●.
Phone numbers embedded in the message appear.

6 Press ▯ [Options].

7 Press ⊙ or ⊙ to highlight “Call” and press ●.
The handset starts to call the number.

If you select “Extract URL” in step 5 above, you can extract the URL of a web site.

Saving the Phone Number or E-mail Address of a Sender

1 At the main menu, select in the following order: “Messages” → select “Text message,” “Picture message” or “E-mail” → “Inbox.”

2 Press ⊙ or ⊙ to highlight the message from the sender you wish to save.

3 Press ▯ [Options].
The “Options” menu appears.

4 Press ⊙ or ⊙ to highlight “Save to Contacts” and press ●.
For information on how to enter a name and other information, refer to “Saving Information to the Contacts List” on page 9-56.

Deleting Messages

1 At the main menu, select in the following order: “Messages” → select “Text message,” “Picture message” or “E-mail.”

2 Press ⊙ or ⊙ to highlight “Inbox,” “Drafts,” “Sent” or “Outbox” and press ●.
If you select “Text message” in step 1, you cannot select “Outbox” in this step.

3 Press ⊙ or ⊙ to highlight the message you wish to delete and press ▯ [Options].
The “Options” menu appears.

4 Press ⊙ or ⊙ to highlight “Delete” and press ●.
The confirmation screen appears.

5 Press ⊙ or ⊙ to highlight "One message" or "All messages" and press ◎.

6 Press [Yes].
The selected messages are deleted.
To cancel, press [No] in this step.

Once you have deleted a message, they cannot be restored.

You cannot delete locked messages. For information on how to lock messages, refer to "To lock messages (for Picture message and E-mail only)."

To check sender/receiver information (for Picture message and E-mail only)

1 At the main menu, select in the following order: "Messages" → select "Picture message" or "E-mail" → "Inbox."

2 Press ⊙ or ⊙ to highlight the message you wish to check and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Details" and press ◎.
The sender's or receiver's phone number or E-mail address, time and date stamp, subject and size appear.

To resend a message in the Outbox (for Picture message and E-mail only)

1 At the main menu, select in the following order: "Messages" → select "Picture message" or "E-mail."

2 Press ⊙ or ⊙ to highlight "Outbox" and press ◎.

3 Press ⊙ or ⊙ to highlight the message you wish to resend and press [Options].
The "Options" menu appears.

4 Press ⊙ or ⊙ to highlight "Re-send" and press ◎.

To lock messages (for Picture message and E-mail only)

Picture message and E-mail message can be locked so it is not deleted by accident.

1 At the main menu, select in the following order: "Messages" → select "Picture message" or "E-mail."

2 Press ⊙ or ⊙ to highlight "Inbox" or "Sent" and press ◎.

3 Press ⊙ or ⊙ to highlight the message you wish to lock or unlock and press [Options].
The "Options" menu appears.

4 Press ⊙ or ⊙ to highlight "Lock/Unlock" and press ●.

To retrieve a message (for Picture message only)

1 At the main menu, select in the following order: "Messages" → "Picture message."

2 Press ⊙ or ⊙ to highlight "Inbox" and press ●.

3 Press ⊙ or ⊙ to highlight the alert you wish to download.

4 Press [Options].
The "Options" menu appears.

5 Press ⊙ or ⊙ to highlight "Download" and press ●.

You can press ● to start downloading instead of steps 4 and 5.

To confirm the delivery report (for Picture message only)

1 At the main menu, select in the following order: "Messages" → "Picture message."

2 Press ⊙ or ⊙ to highlight "Sent" and press ●.

3 Press ⊙ or ⊙ to highlight the message for which you wish to confirm the delivery report for and press [Options].
The "Options" menu appears.

4 Press ⊙ or ⊙ to highlight "Delivery report" and press ●.
This menu is only available for sent messages that have the "Delivery report" set "On." For information on the "Delivery Report," see "Settings for the Messages" on page 11-80.

Settings for the Messages

The steps below are instructions on Text message and Picture message settings. For information on the E-mail settings, refer to “Setting an Account” on page 15-144.

1 Press ●.
The main menu appears.

2 Press ↑, ↓, ← or → to highlight “Messages” and press ●.
The “Messages” menu appears.

3 Press ↑ or ↓ to highlight “Text message” or “Picture message” and press ●.
Each messaging menu appears.

4 Press ↑ or ↓ to highlight “Settings” and press ●.

Text message settings

After step 4 of “Setting for the Messages,” set the following items.

When you finish making settings, press [Back].

Message center:

Enter the message center number to enable the service.

Message lifetime:

Set the time span that the message service center continually tries to send the message to the recipient you specified.

Message format:

Select a message format from the 7 choices.

Connection type:

Select a connection type.

Reply path:

Confirm delivery:

Optimization:

Converts double-byte characters (such as European characters with an accent) into single-byte characters before sending the messages. Please note that you may be charged double for sending double-byte character messages.

Picture message settings

After step 4 of “Setting for the Messages,” set the following items.

When you finish making settings, press [Back].

Roaming download:

Defers Picture message download when roaming outside of your network.

Allow delivery report:

Enables “Delivery report” when receiving a message that applies to the “Delivery report” function.

Anonymous reject:

Rejects messages from unknown or empty address.

Auto delete:

Deletes the oldest message automatically, when the "Sent" box is full.

Slide show:

Enables slide show when sending a message.

Font size:

Select the displayed font size of the message from "Large," "Medium" and "Small."

Advanced:

- Priority: prioritizes composed messages.
- Request delivery report: enables delivery report.
- Expiry time: sets the expiry time for messages stored in the server.
- Slide interval: sets the slide display time when sending a message.

Making Text Templates

You can register up to 20 text templates for frequently used text on the handset.

1 Press ●.
The main menu appears.

2 Press ↑, ↓, ← or → to highlight "Messages" and press ●.

3 Press ↑ or ↓ to highlight "Text templates" and press ●.
The list of the text templates appears.

Saving Phrases to the Text Template

120 characters may be saved in any text template.

1 At the main menu, select in the following order: "Messages" → "Text templates."

2 Press ↑ or ↓ to highlight the item you wish to register and press ●.

3 Enter the text and press ●.
For information on how to enter text, refer to "Entering Text" on page 8-51.

Editing Text Templates

1 At the main menu, select in the following order: "Messages" → "Text templates."
The list of the text templates appears.

2 Press ⊙ or ⊙ to highlight the item you wish to edit and press ●.

3 Edit the text template and press ●.
For more information on how to enter text, refer to "Entering Text" on page 8-51.

Viewing Text Templates

1 At the main menu, select in the following order: "Messages" → "Text templates."

2 Press ⊙ or ⊙ to highlight the item you wish to view and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "View" and press ●.
The selected text template is displayed.
When you have finished confirmation, press [Back].

You cannot edit the text template in step 3.

Deleting Text Templates

1 At the main menu, select in the following order: "Messages" → "Text templates."

2 Press ⊙ or ⊙ to highlight the item you wish to delete and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Delete" and press ●.

4 Press [Yes].
The selected text template is deleted.
If you wish to cancel deletion, press [No] in this step.

Once you delete the text template, it cannot be restored.

Using VoiceMail

You can use the voice mail service depending on the service provider you use. For information on the voice mail service, contact your service provider.

Calling VoiceMail

1 Press ●.
The main menu appears.

2 Press ↑, ↓, ← or → to highlight “Messages” and press ●.
The “Messages” menu appears.

3 Press ↑ or ↓ to highlight “VoiceMail” and press ●.
The “VoiceMail” menu appears.

4 Press ↑ or ↓ to highlight “Call VoiceMail” and press ●.

Setting VoiceMail

1 At the main menu, select in the following order: “Messages” → “VoiceMail.”

2 Press ↑ or ↓ to highlight “VoiceMail number” and press ●.

Memory Status

This function helps you to check the memory status of “Messages.”

1 Press ●.
The main menu appears.

2 Press ↑, ↓, ← or → to highlight “Messages” and press ●.

3 Press ↑ or ↓ to highlight “Memory status” and press ●.
The memory status is indicated by using bar chart.

Setting Cell Broadcasts

This setting enables you to receive cell broadcast messages such as weather forecasts and traffic reports, etc. If you are in a certain network area, your handset receives the broadcast information for your subscription.

This menu may not be available with some mobile networks. Contact your service provider for details.

1 Press ●.
The main menu appears.

2 Press ⓘ, ⓙ, ⓚ or ⓛ to highlight “Messages” and press ◯.
The “Messages” menu appears.

3 Press ⓘ or ⓙ to highlight “Cell Broadcasts” and press ◯.
The “Call Broadcasts” menu appears.

4 Press ⓘ or ⓙ to highlight “On/Off” and press ◯.

5 Press ⓘ or ⓙ to highlight “On” to set the cell broadcasts on or “Off” to set it off and press ◯.

Reading Cell Broadcast Messages

1 When you receive a cell broadcast message, press ◯.
A popup is displayed over the standby screen.

2 Press ⓘ or ⓙ to scroll through the message.

3 When you finish reading, press ◯.

Subscribing to Cell Broadcasts

Select the page of the cell broadcast message that you want.

1 At the main menu, select the following order: “Messages” → “Cell Broadcasts.”

2 Press ⓘ or ⓙ to highlight “Settings” and press ◯.

3 Press ⓘ or ⓙ to highlight “Set info subjects” and press ◯.

4 Press ⓘ or ⓙ to highlight “Add/Remove” and press ◯.

5 Press ⓘ or ⓙ to highlight the page you wish to view and press ◯.
When you have finished viewing, press ◺ [Back].

- *You can set a maximum of four subjects for subscription in step 5.*
- *When you cannot find the page you wish to view in the list that appears in step 5, select “Create subject” in step 4 and enter the subject code to add a page. For details on the subject code, contact your service provider.*

Setting Languages

You can select and change the language for the broadcast message display.

1 At the main menu, select the following order: “Messages” → “Cell Broadcasts.”

2 Press ⓘ or ⓙ to highlight “Settings” and press ◯.

3 Press ⊙ or ⊙ to highlight “Language” and press ◯.

4 Press ◯.
The language list appears.

5 Press ⊙ or ⊙ to highlight the language you wish to set and press ◯.
Press ⊘ [Back] to exit.

Setting Cell Info

Cell info is the message information that operators send to subscribers in certain areas. When you receive cell info, the message (network info) is displayed on the standby screen.

This function may not be available on all phone networks. Contact your service provider for more information.

Enabling/Disabling Cell Info

1 Press ◯.
The main menu appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to highlight “Messages” and press ◯.
The “Messages” menu appears.

3 Press ⊙ or ⊙ to highlight “Cell info” and press ◯.
The “Cell info” menu appears.

4 Press ⊙ or ⊙ to highlight “On” or “Off” and press ◯.

If cell info is set to “On,” the standby time will decrease because of increase in the battery usage.

Browsing the Browser Alerts

The Browser Alerts are the web based messages sent from a service provider to the subscribers. You can view the messages in the “Browser Alerts” menu.

This function may not be available on all networks. Contact your service provider for more information.

1 At the main menu, select in the following order: “Messages” → “Browser Alerts.”
The “Browser Alerts” list appears.

2 Press ⊙ or ⊙ to highlight a message and press ◯.

Enjoying Multi Media

The “My Contents” menu enables you to enjoy using multi media such as pictures, sounds and video clips you created using the handset. You can download the various contents through the “t-zones” web site. You can also use and enjoy the games and applications downloaded from the “t-zones” web site.

Using Pictures

In the “Pictures” menu, you can view and edit pictures taken with the built-in digital camera. Also, you can set stored pictures as wallpaper and if you wish to get more wallpapers for the handset, you can download them through the mobile Internet. With your handset, you can enjoy using “My Album” and “My Journal” services produced by T-Mobile. They enhance your pleasure of using pictures with the handset.

The picture formats available on the handset are:

- PNG : Images in PNG format
- JPEG : Images in JPEG format
- NVA : e-Animation file (NEVA)
- GIF : Images in GIF format
- BMP : Images in BMP format
- W BMP : Images in WBMP format
- W PNG : Images in WPNG format

Downloading Pictures

1. Press ●.
   The main menu appears.
2. Press ↑, ↓, ← or → to highlight “My Contents” and press ●.
3. Press ↑ or ↓ to highlight “Pictures” and press ●.
   The “Pictures” menu appears.
4. Press ↑ or ↓ to highlight “t-zones Wallpapers” and press ●.
   The download channel for pictures and wallpapers appears.

To download images from My Album or My Journal

Press ↑ or ↓ to highlight “My Album” or “My Journal” instead of “t-zones Wallpapers” in step 4 above. “My Album” or “My Journal” appears.

Viewing Pictures

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⓘ, ⓖ, ⓔ or ⓒ to select an image in the thumbnail index you wish to view and press ◯.
The selected picture is displayed.
When you have finished viewing the picture, press [Back].

When viewing a picture from "My pictures," the maximum size of the picture that can be displayed is 295 kbytes.

To scroll the picture

After displaying the picture in step 2 above, press ⓘ, ⓖ, ⓔ or ⓒ to scroll the picture.

Some pictures cannot be scrolled depending on the picture size.

To view the pictures saved in memory card

2 After step 1 above, press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓖ to highlight "Switch to Card data" and press ◯.
The thumbnail index for "My pictures" shows the pictures saved in memory card.

- *When you view the pictures saved in memory card, the menu item switches to "Switch to Handset data."*
- *Pictures stored in memory card may not be viewed, edited, moved or copied depending on its file size or picture size.*

Setting the stored image as wallpaper

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⓘ, ⓖ, ⓔ or ⓒ to select an image in the thumbnail index you wish to view and press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓖ to highlight "Wallpaper" and press ◯.
The selected picture appears.

4 Press ◯.
The displayed picture is set to the wallpaper.

If you wish to view the full size image of the picture before setting it as the wallpaper, press ● to display the image in step 2 above before pressing [Options]. Then select "Wallpaper" in the "Options" menu.

Editing Pictures

You can edit pictures by retouching, adding frames or stamps or rotating. Also, you can adjust the size of the picture or rename the picture file.

The picture size may be changed after the editing operation.

To retouch pictures

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⑤, ⑧, ④ or ⑥ to select an image in the thumbnail index you wish to retouch and press ●.
The selected picture is displayed.

3 Press [Options].
The "Options" menu appears.

4 Press ⑤ or ⑧ to highlight "Edit picture" and press ●.

5 Press ⑤ or ⑧ to highlight "Retouch" and press ●.

6 Press ⑤ or ⑧ to highlight one of the options below and press ●.
The "Retouch" options:
Sepia, Sparkling, Ripples, Tile, Emboss, Oil painting, Clear frame, Round frame, Soft frame, Zigzag frame

7 The selected option is confirmed on the display. Press ● to apply.
If you wish to cancel, press [Cancel].

When you retouch a picture, a new retouched picture is created as the other file and the original picture is saved.

To add a frame to pictures

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⑤, ⑧, ④ or ⑥ to select an image in the thumbnail index you wish to add a frame to and press ●.
The selected picture is displayed.

3 Press [Options].
The "Options" menu appears.

4 Press ⓘ or ⓚ to highlight “Edit picture” and press ◯.

5 Press ⓘ or ⓚ to highlight “Add frame” and press ◯.

6 Press ⓘ, ⓚ, ⓛ or ⓡ to select a frame and press ◯.

7 The selected option is confirmed on the display. Press ◯ to apply.
If you wish to cancel, press [Cancel].

When you add a frame to a picture, a new picture with a frame is created as the other file and the original picture is saved.

To add stamps to pictures

1 At the main menu, select in the following order: “My Contents” → “Pictures” → “My pictures.”
The thumbnail index for “My pictures” appears.

2 Press ⓘ, ⓚ, ⓛ or ⓡ to select an image in the thumbnail index you wish to add stamps to and press ◯.
The selected picture is displayed.

3 Press [Options].
The “Options” menu appears.

4 Press ⓘ or ⓚ to highlight “Edit picture” and press ◯.

5 Press ⓘ or ⓚ to highlight “Add stamps” and press ◯.

6 Press ⓘ, ⓚ, ⓛ or ⓚ to select a stamp and press ◯.

7 Press ⓘ, ⓚ, ⓛ or ⓡ to move the cursor to the point you wish to add the stamp and press ◯.
To add more stamps, press [Options] and select “Other Stamps,” and then repeat steps 6 and 7.

8 To finish stamping, press [Options] and select “Save.”

When you add stamps to a picture, a new picture with stamps is created as the other file and the original picture is saved.

To rotate pictures

1 At the main menu, select in the following order: “My Contents” → “Pictures” → “My pictures.”
The thumbnail index for “My pictures” appears.

2 Press ⓘ, ⓚ, ⓛ or ⓡ to select an image in the thumbnail index you wish to rotate and press ◯.
The selected picture is displayed.

3 Press [Options].
The “Options” menu appears.

4 Press ⓘ or ⓚ to highlight “Edit picture” and press ◯.

5 Press ⊙ or ⊙ to highlight “Rotate” and press ◎.
The picture is rotated 90° counterclockwise.

6 Press ◎ once to rotate the picture 90° counterclockwise.

7 Press [Save].

To adjust the size of pictures

You can adjust the size of pictures for any purpose such as for displaying in the external display.

1 At the main menu, select in the following order: “My Contents” → “Pictures” → “My pictures.”
The thumbnail index for “My pictures” appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to select an image you wish to adjust the size and press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Adjust size” and press ◎.

4 Press ⊙ or ⊙ to highlight one of the size options and press ◎.
The “Adjust size” options:
Main display, External display, Power on/off, Incoming, Alarm

To change the name of the picture

1 At the main menu, select in the following order: “My Contents” → “Pictures” → “My pictures.”
The thumbnail index for “My pictures” appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to select an image in the thumbnail index you wish to change the name of and press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Rename” and press ◎.
The text entry screen appears. For more information on how to enter text, refer to “Entering Text” on page 8-51.

4 When you have finished renaming, press ◯ to save.

If you wish to view the full picture before renaming it, press ◯ to display the image in step 2 before pressing [Options]. Then select "Rename" in the "Options" menu.

*The following characters cannot be used for the file name: /, \, :, *, ?, ", <, >, | and . (period).*

Setting Pictures as Caller ID

You can add pictures to the "Contacts list" and set the pictures as Caller ID.

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to select an image in the thumbnail index you wish to add to the "Contacts list" and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Set as Caller ID" and press ◯.
2 options appear. Select "Existing entry" or "New entry" according to your purpose.

When adding the picture to "Contacts list" as the caller ID, the maximum size of the picture that can be added is 150 kbytes. Only the picture stored in the handset memory is available for the caller ID.

To save the picture to the existing entry

4 After step 3, press ⊙ or ⊙ to highlight "Existing entry" and press ◯.

To save the picture in creating a new entry

4 After step 3, press ⊙ or ⊙ to highlight "New Entry" and press ◯.

Sending Pictures as Attachments

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to select an image in the thumbnail index you wish to send with a message and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Send via Picture message" and press ◯.
For information on how to create messages, refer to "Using the Message Service" on page 11-69.

If you wish to view the full picture before sending it, press ◯ to display the image in step 2 before pressing [Options]. Then select "Send via Picture message" in the "Options" menu.

Sending Pictures to My Album or My Journal

You can post pictures to the personal online album and diary services provided by T-Mobile.

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⑤, ⑨, ⑦ or ⑧ to select an image in the thumbnail index you wish to send to the "My Album" or "My Journal" and press [Options].
The "Options" menu appears.

3 Press ⑤ or ⑨ to highlight "Send to My Album" or "Send to My Journal" and press ●.
Access to "My Album" or "My Journal" starts.

- *If you wish to view the full picture before sending it, press ● to display the image in step 2 before pressing [Options]. Then select "Send to My Album" or "Send to My Journal" in the "Options" menu.*
- *You can use "My Album" or "My Journal" for sounds and video clips from "Sounds" and "Videos" menu.*

Checking the Picture Information

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⑤, ⑨, ⑦ or ⑧ to select an image in the thumbnail index whose detail you wish to check and press ●.
The selected picture is displayed.

3 Press [Options].
The "Options" menu appears.

4 Press ⑤ or ⑨ to highlight "Picture details" and press ●.

Moving or Copying Pictures to Memory Card

1 At the main menu, select in the following order: "My Contents" → "Pictures" → "My pictures."
The thumbnail index for "My pictures" appears.

2 Press ⑤, ⑨, ⑦ or ⑧ to select an image you wish to move or copy to memory card and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight “Move to Card” or “Copy to Card” and press ◎.

If you view the pictures saved in memory card, the menu items switch to “Move to Handset” and “Copy to Handset,” and you can move or copy pictures from memory card to the handset memory.

Deleting Pictures

1 At the main menu, select in the following order: “My Contents” → “Pictures” → “My pictures.”
The thumbnail index for “My pictures” appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to select an image in the thumbnail index you wish to delete and press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Delete” and press ◎.

4 Press ⊙ or ⊙ to highlight “One picture” or “All pictures” and press ◎.

5 Press [Yes].
If you wish to cancel deletion, press [No] in this step.

Once you delete a picture, it cannot be restored.

If you wish to view the full picture before deleting it, press ◎ to display the image in step 2 before pressing [Options] and then select “Delete” in the “Options” menu.

Using Sounds

In the “Sounds” function mode, you can download various sounds and ringtones from the “t-zones” web site.

The sound formats available on the handset are:

SMAF: Sound files in SMAF format
MIDI: Sound files in MIDI format
iMY: Sound files in i Melody format
WAV: Sound files in WAVE format
AMR: Sound files in AMR format

SMAF (Synthetic music Mobile Application Format) is a music data format for handsets.

Downloading Sounds

1 Press ●.
The main menu appears.

2 Press ↑, ←, → or ↓ to highlight "My Contents" and press ●.

3 Press ↑ or ↓ to highlight "Sounds" and press ●.
The "Sounds" menu appears.

4 Press ↑ or ↓ to highlight "t-zones MegaTones" and press ●.
The download channel for sounds and ringtones appears.

Playing Back Sounds or Ringtones

1 At the main menu, select in the following order: "My Contents" → "Sounds" → "My sounds."
The list of "My sounds" appears.

2 Press ↑ or ↓ to highlight an item you wish to playback and press ●.
Playback of the selected sound file starts.
When you wish to stop playback, press ●.

You can playback or stop the sound file in the "Options" menu by pressing [Options] in step 2.

To playback sounds or ringtones saved in memory card

1 At the main menu, select in the following order: "My Contents" → "Sounds" → "My sounds."
The list of "My sounds" appears.

2 Press [Options].
The "Options" menu appears.

3 Press ↑ or ↓ to highlight "Switch to Card data" and press ●.
The list of "My sounds" shows the sound file names saved in memory card.

When you access sound files saved in memory card, the menu item switches to "Switch to Handset data."

Sending Sounds or Ringtones as Attachments

1 At the main menu, select in the following order: "My Contents" → "Sounds" → "My sounds."
The list of "My sounds" appears.

2 Press ↑ or ↓ to highlight the file you wish to send as an attachment and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Send via Picture message" and press ●.
For information on how to create messages, refer to "Using the Message Service" on page 11-69.

Sounds with a red icon cannot be sent as an attachment.

Checking the Sound or Ringtone Information

1 At the main menu, select in the following order: "My Contents" → "Sounds" → "My sounds."
The list of "My sounds" appears.

2 Press ⊙ or ⊙ to highlight a file whose details you wish to check and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Sound details" and press ●.

Changing the Name of Sound Files

1 At the main menu, select in the following order: "My Contents" → "Sounds" → "My sounds."
The list of "My sounds" appears.

2 Press ⊙ or ⊙ to highlight a file whose name you wish to change and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Rename" and press ●.
The text entry screen appears. For information on how to enter text, refer to "Entering Text" on page 8-51.

4 When you have finished renaming, press ● to save.

- *The following characters cannot be used for a file name: /, \, :, *, ?, ", <, >, | and . (period).*
- *When "My sounds" is empty, you cannot select "My sounds."*

Moving or Copying Sounds to Memory Card

1 At the main menu, select in the following order: "My Contents" → "Sounds" → "My sounds."
The list of "My sounds" appears.

2 Press ⊙ or ⊙ to select a sound file you wish to move or copy to memory card and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Move to Card" or "Copy to Card" and press ●.

If you access sound files saved in a memory card, the menu items switch to "Move to Handset" and "Copy to Handset," and you can move or copy sounds from memory cards to the handset memory.

Deleting Sounds

1 At the main menu, select in the following order: "My Contents" → "Sounds" → "My sounds."
The list of "My sounds" appears.

2 Press ⊙ or ⊙ to highlight an item you wish to delete and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Delete" and press ●.

4 Press ⊙ or ⊙ to highlight "One sound" or "All sounds" and press ●.

5 Press [Yes].
If you wish to cancel, press [No] in this step.

Once you delete a sound file, it cannot be restored.

Using Games or Applications

You can use various kinds of games and applications with the handset. To use games and applications, download these via the Internet. Some games and applications offer the ability to connect to a network either within a game or through a network based application.

- *Applications may be both localized (no connectivity) and network based (using the mobile Internet to update information/play games). You may be charged for using network-based applications. Please contact your service provider for more information.*
- *The handset does not sound with Java™ applications or games.*

Downloading Games or Applications

Before downloading games or applications, you are asked to confirm what you are about to receive. After checking the information on the confirmation screen, the game or application can be downloaded. User authentication may be required on some information screens.

1 Press ●.
The main menu appears.

2 Press ↑, ↓, ← or → to highlight "My Contents" and press ●.

3 Press ↑ or ↓ to highlight "Games & more" and press ●.
The "Games & more" menu appears.

4 Press ↑ or ↓ to highlight "MegaTones & Wallpapers" or "t-zones games" and press ●.
The download channel to games or applications appears.

Starting a Game or an Application

1 At the main menu, select in the following order: "My Contents" → "Games & more" → "My games & more."
The list of "My games & more" appears.
The games and the applications downloaded to the handset are listed in chronological order.

2 Press ↑ or ↓ to highlight a game or application you wish to start.

3 Press ●.
The selected game or application starts.
If you run network based games or applications, you can select a connection to the network.

To end the game or application

1 While you are running the application, press ⌀.

2 Press ↑ or ↓ to highlight "End" and press ●.

To suspend the game or application

1 While you are running the application, press .

2 Press ⊙ or ⊙ to highlight "Suspend" and press ●.

Viewing the Game or Application information

1 At the main menu, select in the following order: "My Contents" → "Games & more" → "My games & more."
The list of "My games & more" appears.

2 Press ⊙ or ⊙ to highlight a game or application whose information you wish to view and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Application details" and press ●.
The detailed information screen appears.

Deleting the Game or Application

1 At the main menu, select in the following order: "My Contents" → "Games & more" → "My games & more."
The list of "My games & more" appears.

2 Press ⊙ or ⊙ to highlight a game or application you wish to delete and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Delete" and press ●.

4 Press [Yes].
The selected game or application is deleted.
If you wish to cancel, press [No] in this step.

You cannot delete preinstalled applications.

Once you delete a game or application, it cannot be restored.

Using Videos

The "Videos" function enables you to play back the video clips created using the built-in digital camera. Also, more video clips for the handset are available via the mobile Internet service.

Downloading Video Clips

1 Press ●.
The main menu appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to highlight "My Contents" and press ●.

3 Press ⊙ or ⊙ to highlight “Videos” and press ◯.
The “Videos” menu appears.

4 Press ⊙ or ⊙ to highlight “My Album” or “My Journal” and press ◯.

Playing Back Videos

1 At the main menu, select in the following order:
“My Contents” → “Videos” → “My videos.”
The thumbnail index for “My videos” appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to select the image of the video clip in the thumbnail index you wish to play back and press ◯.
The selected video clip is displayed and press ◯.
When you have finished playback, press [Back].
You can also store your own video clip collections in “My Album” or “My Journal” services provided by T-Mobile.

To play back the videos saved in memory card

2 After step 1, press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Switch to Card data” and press ◯.
The thumbnail index for “My videos” shows the video clip file names saved in memory card.

When you access the video clip files saved in memory card, the menu item switches to “Switch to Handset data.”

Changing the name of the video

1 At the main menu, select in the following order:
“My Contents” → “Videos” → “My videos.”
The thumbnail index for “My videos” appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to select the image of the video clip in the thumbnail index you wish to change the name of and press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Rename” and press ◯.
The text entry screen appears. For information on how to enter text, refer to “Entering Text” on page 8-51.

4 After renaming, press ◯ to save.

*The following characters cannot be used for a file name: /, \, :, *, ?, ", <, >, | and . (period).*

Sending Videos as Attachments

1 At the main menu, select in the following order: "My Contents" → "Videos" → "My videos."
The thumbnail index for "My videos" appears.

2 Press ⓢ, ⓖ, ⓔ or ⓒ to select the image of the video clip in the thumbnail index you wish to send with a message and press [Options].
The "Options" menu appears.

3 Press ⓢ or ⓖ to highlight "Send via Picture message" and press ◎.
For more information on creating messages, refer to "Using the Message Service" on page 11-69.

Sending Videos to My Album or My Journal

1 At the main menu, select in the following order: "My Contents" → "Videos" → "My videos."
The thumbnail index for "My videos" appears.

2 Press ⓢ, ⓖ, ⓔ or ⓒ to select the image of the video clip in the thumbnail index you wish to send to "My Album" or "My Journal" and press [Options].
The "Options" menu appears.

3 Press ⓢ or ⓖ to highlight "Send to My Album" or "Send to My Journal" and press ◎.

Checking Video Information

1 At the main menu, select in the following order: "My Contents" → "Videos" → "My videos."
The thumbnail index for "My videos" appears.

2 Press ⓢ, ⓖ, ⓔ or ⓒ to select the image of the video clip in the thumbnail index you wish to check the details of and press [Options].
The "Options" menu appears.

3 Press ⓢ or ⓖ to highlight "Video details" and press ◎.

Moving or Copying Videos to Memory Card

1 At the main menu, select in the following order: "My Contents" → "Videos" → "My videos."
The thumbnail index for "My videos" appears.

2 Press ⓢ, ⓖ, ⓔ or ⓒ to select a video clip file you wish to move or copy to memory card and press [Options].
The "Options" menu appears.

3 Press ⓢ or ⓖ to highlight "Move to Card" or "Copy to Card" and press ◎.

When you access video clip files saved in memory card, the menu items switch to "Move to Handset" and "Copy to Handset," and you can move or copy videos from memory card to the handset memory.

Deleting Videos

1. At the main menu, select in the following order: "My Contents" → "Videos" → "My videos."
   The thumbnail index for "My videos" appears.
2. Press ⓘ, ⓖ, ⓒ or ⓒ to select the thumbnail image of the video clip you wish to delete and press [Options].
   The "Options" menu appears.
3. Press ⓘ or ⓖ to highlight "Delete" and press ◯.
4. Press ⓘ or ⓖ to highlight "One video clip" or "All video clips."
5. Press [Yes].
   If you wish to cancel, press [No] in this step.

Once you delete a video file, it cannot be restored.

Memory Status

This function helps you to check the memory status of "My Contents."

1. Press ◯.
   The main menu appears.
2. Press ⓘ, ⓖ, ⓒ or ⓒ to highlight "My Contents" and press ◯.
3. Press ⓘ or ⓖ to highlight "Memory status" and press ◯.
4. Press ⓘ or ⓖ to highlight "Handset" or "Memory card" and press ◯.
   The memory status is indicated by using bar chart.

Using the Personal Organizer

This section provides information on the organizer features that are built into the handset. Features include a calendar, alarm clock, calculator, voice memo recorder and phone help.

Using the Calendar

The Calendar helps you organize and manage your schedule on a daily basis. The calendar can display dates from January 2000 to December 2099.

1 Press ●.
The main menu appears.

2 Press ⓘ, ⓖ, ⓒ or ⓒ to highlight "Organizer" and press ●.

3 Press ⓘ or ⓖ to highlight "Calendar" and press ●.
The current month is displayed and the current date is highlighted.

You can activate the calendar by pressing ⓘ while in standby mode. (This key assignment can be changed by the user.)

Entering Appointments

You can navigate the calendar by using the navigation key and you can enter up to 3 schedules each day.

1 At the main menu, select in the following order: "Organizer" → "Calendar."

2 Press ⓘ, ⓖ, ⓒ or ⓒ to highlight the day you wish to create an appointment for and press ●.

3 Press ⓘ or ⓖ to select a memo out of the three and press ●.

4 Enter the appointment title and press ●.

5 Enter the appointment note and press ●.
You can enter up to 40 characters for each title and note. For information on how to enter text, refer to "Entering Text" on page 8-51.

6 If you have finished entering text, press [Back].
The screen returns to the calendar. Dates with appointment are underlined.

- *Appointment titles you have entered appear below the calendar when you highlight the day.*
- *If you wish to edit any of the appointments you have entered, highlight the day again in step 2 above and follow the steps.*

Finding a Particular Date

To enter or check appointments on a particular day, jump to that day by entering the date in the calendar.

1. At the main menu, select in the following order: "Organizer" → "Calendar."
2. Press [Options].
   The "Options" menu appears.
3. Press ⊙ or ⊙ to highlight "Go to date" and press ●.
4. Enter the date you wish to display and press ●.
   The specified date is highlighted.

Changing the Weekly Format

You can change the weekly format of the Calendar.

1. At the main menu, select in the following order: "Organizer" → "Calendar."
2. Press [Options].
   The "Options" menu appears.
3. Press ⊙ or ⊙ to highlight "Setting" and press ●.
4. Press ⊙ or ⊙ to highlight "Weekly format" and press ●.
5. Press ⊙ or ⊙ to highlight "Monday-Sunday" or "Sunday-Saturday" and press ●.
   Monday-Sunday: Weekly format from Monday.
   Sunday-Saturday: Weekly format from Sunday.

Deleting Appointments

You can select 3 ways to make deletions in the calendar: deleting appointments one by one, deleting all appointments set for a day or deleting all appointments in the calendar.

To delete appointments one by one

1. At the main menu, select in the following order: "Organizer" → "Calendar."
2. Press ⊙, ⊙, ⊙ or ⊙ to highlight the day and press ●.
3. Press ⊙ or ⊙ to highlight the "Note" you wish to delete and press [Options].
4. Press ⊙ or ⊙ to highlight "Delete" and press ●.
5. Press ⊙ or ⊙ to highlight "1 data" and press ●.
6. Press [Yes].
   If you wish to cancel, press [No] in this step.

Once you delete appointments, they cannot be restored.

If you wish to delete all the appointments on a certain day, select "1 Day" in step 5 on the previous page. The result is the same as the next option, "To delete all appointments on a day."

To delete all appointments on a day

1. At the main menu, select in the following order: "Organizer" → "Calendar."
2. Press ⑤, ⑨, ⑦ or ⑧ to highlight the day and press [Options].
   The "Options" menu appears.
3. Press ⑤ or ⑨ to highlight "Delete" and press ●.
4. Press ⑤ or ⑨ to highlight "1 day" and press [Yes].
   If you wish to cancel, press [No] in this step.

To delete all appointments in the calendar

1. At the main menu, select in the following order: "Organizer" → "Calendar."
2. Press [Options].
   The "Options" menu appears.
3. Press ⑤ or ⑨ to highlight "Delete" and press ●.
4. Press ⑤ or ⑨ to highlight "All data" and press [Yes].
   If you wish to cancel, press [No] in this step.

Using the Alarm

This function alerts you at a specified time such as for an appointment or at the time to get up. Before using the alarm, you should set the clock correctly. For information on how to set the clock, refer to Step 5 of "Step 5: Setting the Date and Time" on page 3-17.

- *After changing the settings, you may have to press [Save].*
- *The alarm function does not work if the handset is turned off.*

Setting the Alarm

1. Press ●.
   The main menu appears.
2. Press ⑤, ⑨, ⑦ or ⑧ to highlight "Organizer" and press ●.
3. Press ⑤ or ⑨ to highlight "Alarm" and press ●.
   The "Alarm" menu appears.
4. Press ⑤ or ⑨ to highlight "List alarms" and press ●.

5 Press ⊙ or ⊙ to highlight the desired alarm number and press ●.

6 Press ⊙ or ⊙ to highlight "Set time" and press ●.

7 Enter the alarm time using the digit keys and press ●.
When you enter the alarm time in the 12-hour clock format, press ✱ to switch to am and pm.

Setting the Alarm On/Off

1 At the main menu, select in the following order: "Organizer" → "Alarm" → "List alarms."

2 Press ⊙ or ⊙ to highlight the desired alarm number and press ●.

3 Press ⊙ or ⊙ to highlight "Alarm status" and press ●.

4 Press ⊙ or ⊙ to highlight "On" or "Off" and press ●.
If you select "Off," the alarm does not work.

Setting the alarm tone type

1 At the main menu, select in the following order: "Organizer" → "Alarm" → "List alarms."

2 Press ⊙ or ⊙ to highlight the desired alarm number and press ●.

3 Press ⊙ or ⊙ to highlight "Alarm tone" and press ●.

4 Press ⊙ or ⊙ to highlight "Tone" and press ●.

5 Press ⊙ or ⊙ to highlight "t-zones MegaTones," "My sounds" or "T-Mobile" and press ●.
The files in "T-Mobile" are preset data.

6 Press ●.

- *You can set vibration with the alarm tone. Press ⊙ or ⊙ to highlight "Vibration" in step 4, and select from "Enable," "Disable" and "Link to sound."*
- *You can set the duration of the alarm. Press ⊙ or ⊙ to highlight "Duration" in step 3, enter the duration in 2 digit numbers (02 to 59 seconds) by using the digit keys and press ●.*

Setting the Alarm to Ring at the Same Time Everyday

1 At the main menu, select in the following order: "Organizer" → "Alarm" → "List alarms."

2 Press ⓘ or ⓚ to highlight the desired alarm number and press ◯.

3 Press ⓘ or ⓚ to highlight “Repeat daily” and press ◯.

4 Press ⓘ or ⓚ to highlight “On” or “Off” and press ◯.

Setting the Snooze

1 At the main menu, select in the following order: “Organizer” → “Alarm” → “List alarms.”

2 Press ⓘ or ⓚ to highlight the desired alarm number and press ◯.

3 Press ⓘ or ⓚ to highlight “Snooze” and press ◯.

4 Press ⓘ or ⓚ to highlight “On” or “Off” and press ◯.
If you select “On,” you can set the snooze interval (5, 10, 15, 20, 30 minutes) and the repeat count (1, 2, 3).

When the snooze is on, the alarm will ring repeatedly as set even if the alarm is stopped.

Resetting an Alarm Setting

1 At the main menu, select in the following order: “Organizer” → “Alarm” → “List alarms.”

2 Press ⓘ or ⓚ to highlight the alarm you wish to reset and press ◯.

3 Press ⓘ or ⓚ to highlight “Reset alarm” and press ◯.

4 Press [Yes].
If you wish to cancel, press [No] in this step.

Resetting All Alarm Settings

1 At the main menu, select in the following order: “Organizer” → “Alarm” → “Clear all.”

2 Press [Yes].
If you wish to cancel, press [No] in this step.

Using the Calculator

You can use the calculator function on the handset for basic arithmetic calculations and rate conversions using up to 12 digits.

1 Press ◯.
The main menu appears.

2 Press ⓘ, ⓖ, ⓒ or ⓒ to highlight "Organizer" and press ◯.

3 Press ⓘ or ⓖ to highlight "Calculator" and press ◯.
The "Calculator" appears.
The table below shows you the key assignment of the handset's keypad when using the calculator (Also refer to the display). Become familiarized with the key assignment for your convenience.

Key	Function
◯	=
✋	%
ⓘ	×
ⓖ	÷
ⓒ	+
ⓒ	−
#⃣	enter a decimal point
[Clear]	Clear
*⃣	switch between negative and positive

Converting Currency

You can also use the calculator for currency conversion. You can convert to or from the home currency by entering the exchange rate.

To set a currency conversion rate

1 At the main menu, select in the following order: "Organizer" → "Calculator."

2 Press [Options].
The "Options" menu appears.

3 Press ⓘ or ⓖ to highlight "Exchange rate" and press ◯.

4 Press ⓘ or ⓖ to highlight "Foreign → Domestic" or "Domestic → Foreign" and press ◯.

5 Enter the currency conversion rate and press ◯.
To delete all digits, press [Clear].

To convert a value

1 At the main menu, select in the following order: "Organizer" → "Calculator."

2 Enter the value to be converted and press [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight “In domestic” or “In foreign” and press ●.
The result appears.

You cannot perform step 4 if an arithmetic symbol (+, –, × or ÷) appears.

Using Voice notes

The “Voice notes” function enables you to record a voice message of up to 60 seconds, which can be used to remind you of schedule entries. Also, you can send the recorded voice notes as an attachment to a “Picture message.”

The recorded voice notes are saved in “My sounds.”

Recording a Note

1 Press ●.
The main menu appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to highlight “Organizer” and press ●.

3 Press ⊙ or ⊙ to highlight “Voice notes” and press ●.
The “Voice notes” screen appears.

4 Press ●.
Recording starts.
To stop while recording (the maximum recording time is 60 seconds), press ● again.

5 Press ⊙ or ⊙ to highlight “Save” to save the voice notes and press ●.

- *Press ⊙ while the main menu appears instead of steps 2 to 3 to enter the “Voice notes” function.*
- *If you wish to record the voice note again, press [Cancel] in step 5. The screen will return to step 4.*

To save the voice notes to the memory card

1 At the main menu, select in the following order: “Organizer” → “Voice notes.”

2 Press [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Save to…” and press ●.

4 Press ⊙ or ⊙ to highlight “Memory Card” and press ●.

Playing Back the Saved Voice Notes

The saved Notes are in “My sounds.”

1 At the main menu, select in the following order: “My Contents” → “Sounds” → “My sounds.”
For information on how to playback a saved note, refer to “Playing Back Sounds or Ringtones” on page 12-94.

Recording and Sending a Voice Note

After recording a voice note, you can send it directly from “Organizer” via Picture message.

1 After stopping a voice memo recording, press ⊙ or ⊙ to highlight “Send via Picture message.”
The “Send to” list appears.
The last address where the message was sent is at the top of the list.

2 Press ⊙ or ⊙ to highlight the phone number or E-mail address of the recipient.
If you cannot find the phone number or E-mail address that you wish to send the voice note to, select “Other…” and enter the necessary information.

3 Press ●.
Press ⊙ or ⊙ to highlight “Send” and press ●.
The message is sent.

Using the Phone Help

You can view the help list and use it to guide you with the phone’s functions.

1 Press ●.
The main menu appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to highlight “Organizer” and press ●.

3 Press ⊙ or ⊙ to highlight “Phone help” and press ●.
The help list appears.

4 Press ⊙ or ⊙ to highlight the function you wish to view.
When you have finished using the help, press ⊙ [Back].

Using the Call History

If you do not answer an incoming call, the handset records that a call was missed. “Missed calls” and the number of missed calls appears on the standby screen. The handset records the last 10 missed calls, received calls and dialed numbers (Number of dialed numbers recorded depends on the SIM card you use.) Using the “Call Register,” you can have various useful functions such as redialing, sending messages, creating the contacts list, and you can also check the call duration.

You can also access each log type in the call register using the following key operations while the handset is in standby mode.

- **:** Dialed numbers
- **then :** Missed calls
- **then :** Received calls

The logs in the call register are listed in chronological order, and the name (if registered in the “Contacts list”) or number of the party appears.

Calling from the Call Log

1. Press .
   The main menu appears.
2. Press , , or to highlight “Call Register” and press .
   The “Call Register” menu appears.
3. Press or to highlight “Missed calls,” “Received calls” or “Dialed numbers” and press .
4. Press or to highlight the name or number you wish to call and press .

If you press instead of in step 4 above, you can check the caller’s name and number. (To display the caller’s name, you should register the caller’s name in the “Contacts list” beforehand.) To call, press [Options] and select “Call.”

Sending Messages from the Call Log

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Missed calls,” “Received calls” or “Dialed numbers” and press ◯.
3. Press ⓢ or ⓣ to highlight the number you wish to send messages to and press [Options].
   The “Options” menu appears.
4. Press ⓢ or ⓣ to highlight “Send message” and press ◯.
5. Press ⓢ or ⓣ to highlight “via Text message” or “via Picture message” and press ◯.
   The text entry screen appears.
6. Enter your message.
   For information on how to enter text, refer to “Entering Text” on page 8-51.

Saving a Call Log to the Contacts List

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Missed calls,” “Received calls” or “Dialed numbers” and press ◯.
3. Press ⓢ or ⓣ to highlight the number you wish to save and press [Options].
   The “Options” menu appears.
4. Press ⓢ or ⓣ to highlight “Save to Contacts” and press ◯.
   The handset saves the call log in the “Contacts list.”
   For information on the “Contacts list,” refer to “Using the Contacts List” on page 9-54.

If you press ◯ instead of pressing [Options] in step 3 above, you can check the caller’s name and number. (To display the caller’s name, you should register the caller’s name into the “Contacts list” beforehand.) To save the call log, press [Options] and select “Save to Contacts.” The text entry screen appears. The handset saves the call log in the “Contacts list.”

Deleting a Call Log

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Missed calls,” “Received calls” or “Dialed numbers” and press ◎.
3. Press ⓢ or ⓣ to highlight the number you wish to delete and press [Options].
   The “Options” menu appears.
4. Press ⓢ or ⓣ to highlight “Delete” and press ◎.
5. Press [Yes].
   The call log selected in step 3 is deleted.
   If you wish to cancel deleting, press [No] in this step.

If you press ◎ instead of [Options] in step 3 above, you can check the caller’s name and number. (To display the caller’s name, you should register the caller’s name in the “Contacts list” beforehand.) To delete the call log, press [Options] and select “Delete.” The handset deletes the call log from the “Contacts list.”

Clearing Call Logs

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Missed calls,” “Received calls” or “Dialed numbers” and press [Options].
   The “Options” menu appears.
3. Press ⓢ or ⓣ to highlight “Clear missed calls” (“Clear received calls” or “Clear dialed numbers”) and press ◎.
4. Press [Yes].
   The call log selected in step 3 is cleared.
   If you wish to cancel, press [No] in this step.

If you wish to delete all call logs, in each call register, select “Clear all logs” in step 3 above.

Once you delete a call log, it cannot be restored.

Checking the Duration of Calls

You can check the duration of your calls.

Checking the Duration of the Last Call

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Call timers” and press ◯.
3. Press ⓢ or ⓣ to highlight “Last call” and press ◯.
   The duration of the last call appears.

Checking the Total Call Time Log

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Call timers” and press ◯.
3. Press ⓢ or ⓣ to highlight “All calls” and press ◯.
   The total duration of all calls appears.

Clearing All Call Time Logs

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Call timers” and press ◯.
3. Press ⓢ or ⓣ to highlight “Clear timers” and press ◯.
4. Enter your handset code and press ◯.
5. Press [Yes].
   The handset resets the call timers to zero.
   If you want to cancel, press [No] in this step.

Once you delete both the duration of the last call and total call time log, they cannot be restored.

Checking the Amount of Data Communication

You can confirm the number of bytes which you used in data communication by using the “Data counter” function.

Checking the Data Counter

1 Press ◎.
The main menu appears.

2 Press ⑤, ⑧, ④ or ⑥ to highlight “Call Register” and press ◎.

3 Press ⑤ or ⑧ to highlight “Data counter” and press ◎.

4 Press ⑤ or ⑧ to highlight “Last data” and press ◎.
The amount of data in the last data communication is displayed in “bytes.”

If you wish to check the total data communication used, select “All data” in step 4 above.

Clearing Data Counter

1 At the main menu, select in the following order: “Call Register” → “Data counter” → “Clear counter.”

2 Press [Yes].
The handset resets the “Data counter” to zero.
If you wish to cancel, press [No] in this step.

Once you reset the counter, it cannot be restored.

Setting the Display Language

You can change the language (English or Spanish) of menus and messages.

1. Press ●.
   The main menu appears.
2. Press ↑, ↓, ← or → to highlight “Settings” and press ●.
3. Press ↑ or ↓ to highlight “Phone settings” and press ●.
4. Press ↑ or ↓ to highlight “Language” and press ●.
5. Press ↑ or ↓ to highlight the language you wish to display and press ●.

You can select the input language on the text entry screen. For information on how to enter text, refer to “Entering Text” on page 8-51.

Setting the Main Display

You can change the settings of the main display such as “Wallpaper,” “Backlight,” “Wallpaper calendar,” “Brightness,” “Power saving,” “Greeting message” and “Assign pictures.”

1. Press ●.
   The main menu appears.
2. Press ↑, ↓, ← or → to highlight “Settings” and press ●.
3. Press ↑ or ↓ to highlight “Phone settings” and press ●.
4. Press ↑ or ↓ to highlight “Main display” and press ●.
   The “Main display” menu appears.

Setting the Wallpaper

To set the built-in wallpaper

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."
2. Press ⊙ or ⊙ to highlight "Wallpaper" and press ●.
3. Press ⊙ or ⊙ to highlight "T-Mobile" and press ●.
   You can also choose "t-zones Wallpapers" or "My pictures."

You can also select animated wallpaper. However, if you do not operate the handset for about 30 seconds (depending on the selected wallpaper), the animation wallpaper you selected appears as a still picture.

To cancel the Wallpaper setting, select "Off" in step 3.

To set a picture you saved as wallpaper

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."
2. Press ⊙ or ⊙ to highlight "Wallpaper" and press ●.
3. Press ⊙ or ⊙ to highlight "My pictures" and press ●.
   The thumbnail index for "My pictures" appears.
4. Press ⊙, ⊙, ⊙ or ⊙ to highlight the picture you wish to display and press ●.
   The selected picture appears.
5. Press ●.
   The selected picture appears on the standby screen.

Some pictures cannot be used because of their data types.

To display Wallpaper Calendar

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Wallpaper calendar" and press ●.

3 Press ⊙ or ⊙ to highlight "On" and press ●.
The 2-month calendar appears as the wallpaper on the Display.
If you do not wish to display the wallpaper calendar, select "Off" in this step.

Turning On/Off the Backlight

The illumination time for the display and keypad backlight can be set.

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Backlight" and press ●.

3 Press ⊙ or ⊙ to highlight "On/Off" and press ●.

4 Press ⊙ or ⊙ to highlight selection and press ●.
When selecting "On," enter the duration of the backlight using 2 digit numbers (01-99 sec.) and press ●.

To adjust the Backlight Brightness

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Brightness" and press ●.

3 Press ⊙ (brighter) or ⊙ (darker) to adjust the brightness and press ●.
The brightness changes in 4 steps.

To turn On/Off the back light while charging with the car charger

With this setting on, the handset's backlight is lit when the car charger is connected.

2 After step 1 of "Turning On/Off the Backlight," press ⊙ or ⊙ to highlight "In car" and press ●.

3 Press ⊙ or ⊙ to highlight "On" and press ●.

Setting Display Power Saving

You can set the display to turn off after a given time.

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."
2. Press ⓢ or ⓣ to highlight "Power saving" and press ●.
3. Press ⓢ or ⓣ to highlight "On" or "Off" and press ●.
4. If you select "On," enter the time before display saving takes effect in 2 digit numbers and press ●.

Power consumption can be reduced by decreasing the set time.

To cancel the display power saving function

Display saving continues until either a key is pressed or an incoming call is received. Press a key once to cancel the display saving function, then you can input any numerical or text value.

Setting the Greeting Message

You can set a message to appear when the handset is turned on.

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."
2. Press ⓢ or ⓣ to highlight "Greeting message" and press ●.
3. Press ⓢ or ⓣ to highlight "On" and press ●.
4. Enter the message you wish to display and press ●.
   Up to 16 characters can be stored as a message. For information on how to enter text, refer to "Entering Text" on page 8-51.

To cancel the greeting message setting, select "Off" in step 3 above.

Assigning Pictures

A selected picture appears when turning the power on or off, receiving an incoming call or operating the alarms. Pictures taken with the built-in digital camera or images downloaded via a browser can be set.

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Assign pictures" and press ◎.

3 Press ⊙ or ⊙ to select when you want to display the animation or a picture from the following choices.
When turning the power on or off:
Highlight "Power on" or "Power off" and press ◎.
When receiving an incoming call:
Highlight "Incoming" and press ◎.
When operating the alarm:
Highlight "Alarm" and press ◎.

To download more pictures

4 After step 3, press ⊙ or ⊙ to highlight "t-zones Wallpapers" and press ◎.

To set preloaded animations

4 After step 3, press ⊙ or ⊙ to highlight "T-Mobile."

To set the picture on "My pictures"

4 After step 3, press ⊙ or ⊙ to highlight "My pictures and press ◎.
The thumbnail index for "My pictures" or the current picture appears. If you need to change the picture, press [Change].

5 Press ⊙, ⊙, ⊙ or ⊙ to highlight a picture you wish to display and press ◎ to set.

Setting the External Display

You can change the settings of the external display in the same way as the main display.

1 Press ◎.
The main menu appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to highlight "Settings" and press ◎.

3 Press ⊙ or ⊙ to highlight "Phone settings" and press ◎.

4 Press ⊙ or ⊙ to highlight "External display" and press ◯.
The "External display" menu appears.

Setting the Wallpaper

To set the built-in wallpaper

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."

2 Press ⊙ or ⊙ to highlight "Wallpaper" and press ◯.

3 Press ⊙ or ⊙ to highlight "T-Mobile" and press ◯.
You can also choose "t-zones Wallpapers" or "My pictures."

To cancel the Wallpaper setting, select "Off" in step 3.

To set a picture you saved as wallpaper

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."

2 Press ⊙ or ⊙ to highlight "Wallpaper" and press ◯.

3 Press ⊙ or ⊙ to highlight "My pictures" and press ◯.
The thumbnail index for "My pictures" appears.

4 Press ⊙, ⊙, ⊙ or ⊙ to highlight the picture you wish to display and press ◯.
The selected picture appears.

5 Press ⊙, ⊙, ⊙ or ⊙ to select the cropping area and press ◯.
The picture is cropped for the size of the external display and the picture you have selected is set as the wallpaper for the external display.

- *The original picture saved in the handset or the memory card is not modified even after cropping in step 5 above.*
- *Some pictures cannot be used depending on their data types.*

Turning On/Off the Backlight

You can turn the backlight of the external display on or off when the handset is closed.

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."

2 Press ⊙ or ⊙ to highlight "Backlight" and press ◯.

3 Press ⓘ or ⓖ to highlight selection and press ◯.
When selecting "On," enter the duration of the backlight using 2 digit numbers and press ◯.

To adjust the Contrast

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."

2 Press ⓘ or ⓖ to highlight "Contrast" and press ◯.

3 Press ⓘ (higher) or ⓖ (lower) to adjust the contrast and press ◯.
The contrast changes in 9 steps.

Setting the Incoming Pictures

You can set the picture displayed when receiving an incoming call for the external display.

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."

2 Press ⓘ or ⓖ to highlight "Incoming picture" and press ◯.

3 Press ⓘ or ⓖ to highlight "Picture 1," "Picture 2" or "Picture 3" and press ◯.

Setting the Display Clock

Various clocks can be displayed in the external display.

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."

2 Press ⓘ or ⓖ to highlight "Display clock" and press ◯.

3 Press ⓘ or ⓖ to select the clock from 3 kinds of analog clocks or 2 kinds of digital clocks and press ◯.

If you wish to view the clock before setting, press [Options] to display the "Options" menu and select "View." The selected clock is displayed.

Setting the Icon Display On/Off

The icon indications can be set on or off in the external display.

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."
2. Press ⊙ or ⊙ to highlight "Icon indication" and press ◯.
3. Press ⊙ or ⊙ to highlight "On" or "Off" and press ◯.

Turning the Display On/Off

You can turn the external display on or off when the handset is closed.

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."
2. Press ⊙ or ⊙ to highlight "Display On/Off" and press ◯.
3. Press ⊙ or ⊙ to highlight "On" or "Off" and press ◯.

Resetting the Phone Setting

You can reset all options of the "Phone setting" to the default settings.

To cancel the settings, you need to have set the handset code beforehand or refer to page 15-139 for details.

1. Press ◯.
   The main menu appears.
2. Press ⊙, ⊙, ⊙ or ⊙ to highlight "Settings" and press ◯.
3. Press ⊙ or ⊙ to highlight "Phone settings" and press ◯.
4. Press ⊙ or ⊙ to highlight "Set to default" and press ◯.
5. Enter your handset code and press ◯.
6. Press [Yes].
   To cancel, press [No] in this step.

If you enter a wrong handset code in step 5, the operation is canceled.

Setting the Profiles

This section describes the settings for sound such as ringtone, keypad tones, etc. These are 6 profiles with separate settings that can be set to suit every occasion. When a profile is set, the icon corresponding to the profile name appears in the standby screen.

T-Mobile: Default settings. (no icon)

My profile : Default settings which can be changed.

Conference : Set when in a meeting or discretion is needed.

Activity : Set when in a noisy situation.

In car : Set when driving. (connected to hands free EARphone & MIC)

Silent : Set when you need to be silent. All sounds except camera shutter are muted and you are alerted to calls with the vibration.

1 Press ●.
The main menu appears.

2 Press ↑, ↓, ← or → to highlight "Settings" and press ●.

3 Press ↑ or ↓ to highlight "Profiles" and press ●.
The "Profiles" menu appears.

4 Press ↑ or ↓ to highlight the profile you wish to set, press [Options].

5 Press ↑ or ↓ to highlight "Personalize" and press ●.
After this step, follow the appropriate instructions.

After changing the settings, press [Save].

- *If you wish to set the "Silent" profile, press and hold for approximately 2 seconds while in the standby mode.*
- *You can display profiles by pressing → while in the standby mode.*

Setting the Ringing Volume

You can adjust the ringer volume to one of 5 levels or a step tone. When "Silent" is selected, the ringer volume and the application volume are also muted.

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press [Options] → "Personalize."

2 Press ↑ or ↓ to highlight "Ringing volume" and press ●.
The current volume level appears.
Press ↑ or ↓ to select the volume level from one of 5 levels, "Step tone" or "Silent" and press ●.

Setting a Melody as the Ringtone

You can select preset data in “T-Mobile” and “My sounds” for use as ringtones, sound effects, melodies, etc. You can also select data in “Sounds” for the default ring tone excluding the ones in AMR/WAVE format.

- *You cannot set melodies for the “T-Mobile” profile.*
- *You cannot choose sound files in the memory card for ringtones.*

1 At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to set and press [Option] → “Personalize.”

2 Press ↑ or ↓ to highlight “Assign melody” and press ●.

3 Press ↑ or ↓ to highlight “t-zones MegaTones,” “My sounds” or “T-Mobile” and press ●.
The files in “T-Mobile” are preset data.

4 Press ↑ or ↓ to highlight the ringtone you wish to set.
If you wish to listen to the ringtone you selected, press ●.
To stop, press [Stop].

5 Press [Select].

In step 3, selecting “t-zones MegaTones” will open up the browser and take you to the t-zones MegaTones web site.

Setting the Vibration

You can set the vibration for incoming calls regardless of the ringer volume and tone settings.

1 At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to set and press [Options] → “Personalize.”

2 Press ↑ or ↓ to highlight “Vibration” and press ●.

3 Press ↑ or ↓ to highlight “Enable,” “Disable” or “Link to sound” and press ●.

- *When “Link to sound” is selected in step 3, melodies are synchronized with the vibration for the ringtone. However, this function may not work depending on the melody.*
- *When you select “Enable” or “Link to sound” in step 3, “ ” is displayed on the standby screen.*

Setting the Keypad Tones

You can set and change the tone of the keypad sound that you hear each time you press a key. In the following settings, you can select the volume level, the melody to be used, and the duration.

You cannot choose sound files in the memory card for the keypad tones.

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press [Options] → "Personalize."

2 Press ⊙ or ⊙ to highlight "Keypad tones" and press ●.

3 Press ⊙ or ⊙ to highlight "On" or "Off" and press ●.
If you select "Off," the screen returns to step 1.
If you select "On," follow the steps below.

4 Press ⊙ or ⊙ to highlight "Volume" and press ●.

5 Press ⊙ or ⊙ to highlight "High," "Middle" or "Low" to adjust the volume and press ●.

6 Press ⊙ or ⊙ to highlight "Tone" and press ●.
If you select "T-Mobile" as a profile, you cannot select "Tone."

7 Press ⊙ or ⊙ to highlight "t-zones MegaTones," "My sounds" or "Default tone" and press ●.

8 Select the keypad tones and press [Select].
For information on how to select tones, refer to "Setting a Melody as the Ringtone" on page 15-124.

9 Press ⊙ or ⊙ to highlight "Duration" and press ●.

10 Press ⊙ or ⊙ to select the desired duration and press ●.

Setting the Warning Tone

You can set and change the warning tone that you hear when an error occurs. In the following settings, you can select the volume level, the melody to be used, and the duration.

You cannot choose sound files in the memory card for the warning tones.

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press [Options] → "Personalize."

2 Press ⊙ or ⊙ to highlight "Warning tone" and press ●.

3 Press ⊙ or ⊙ to highlight “On” or “Off” and press ●.
If you select “Off,” the screen returns to step 1.
If you select “On,” follow the steps below.

4 Press ⊙ or ⊙ to highlight “Volume” and press ●.

5 Press ⊙ or ⊙ to highlight “High,” “Middle” or “Low” and press ●.

6 Press ⊙ or ⊙ to highlight “Tone” and press ●.
If you select “T-Mobile” as a profile, you cannot select “Tone.”

7 Press ⊙ or ⊙ to highlight “t-zones MegaTones,” “My sounds” or “T-Mobile” and press ●.
The files in “T-Mobile” are preset data.

8 Select the warning tone and press [Select].
For information on how to select tones, refer to “Setting a Melody as the Ringtone” on page 15-124.

9 Press ⊙ or ⊙ to highlight “Duration” and press ●.

10 Press ⊙ or ⊙ to select the desired duration and press ●.

Setting the Power On/Off Sound

You can set and change the power on/off sound that you hear when the handset is turned on or off. In the following settings you can select the volume level, the melody to be used, and the duration.

You cannot choose sound files in the memory card for the power on/off sounds.

1 At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to set and press [Options] → “Personalize.”

2 Press ⊙ or ⊙ to highlight “Power on sound” or “Power off sound” and press ●.

3 Press ⊙ or ⊙ to highlight “On” or “Off” and press ●.
If you select “Off,” the screen returns to step 1.
If you select “On,” follow the steps below.

4 Press ⊙ or ⊙ to highlight “Volume” and press ●.

5 Press ⊙ or ⊙ to select the volume level from one of 5 levels and press ●.

6 Press ⊙ or ⊙ to highlight "Sound" and press ◯.
If you select "T-Mobile" as a profile, you cannot select "Sound."

7 Press ⊙ or ⊙ to highlight "t-zones MegaTones," "My sounds" or "T-Mobile" and press ◯.
The files in "T-Mobile" are preset data.

8 Select the power on/off sound and press [Select].
For details on selecting a tones, refer to "Setting a Melody as the Ringtone" on page 15-124.

9 Press ⊙ or ⊙ to highlight "Duration" and press ◯.
The message "How many seconds?" appears.

10 Enter a two digit number to define the duration and press ◯.

Setting the Message Alert

You can set and change the message alert sound that you hear when receiving messages. In the following settings you can select the volume level, the melody to be used, and the duration.

You cannot choose sound files in the memory card for the message alert.

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press [Options] → "Personalize."

2 Press ⊙ or ⊙ to highlight "Message alert" and press ◯.

3 Press ⊙ or ⊙ to highlight "Text message," "Picture message" or "Browser Alerts" and press ◯.
After selecting "Text message," "Picture message" or "Browser Alerts," you will be lead through the same settings. Just continue to the next steps.

4 Press ⊙ or ⊙ to highlight "Volume" and press ◯.

5 Press ⊙ or ⊙ to select the volume level from one of 5 levels, "Step tone" or "Silent" and press ◯.

6 Press ⊙ or ⊙ to highlight "Sound" and press ◯.
If you select "T-Mobile" as a profile, you cannot select "Sound."

7 Press ⊙ or ⊙ to highlight "t-zones MegaTones," "My sounds" or "T-Mobile" and press ◯.
The files in "T-Mobile" are preset data.

8 Select the message alert sound and press [Select].
For information on selecting tones, refer to "Setting a Melody as the Ringtone" on page 15-124.

9 Press or to highlight "Vibration" and press .

10 Press or to highlight "Enable," "Disable" or "Link to sound" and press .

11 Press or to highlight "Duration" and press .
The message "How many seconds?" appears.

12 Enter a two digit number to define the duration and press .

Setting the Low Battery Alert

You can set and adjust the low battery alert volume you hear when the battery becomes empty.

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press [Options] → "Personalize."

2 Press or to highlight "Low battery alert" and press .
Press or to highlight "High," "Low" or "Silent" to adjust the volume and press .

Setting Any Key Answer

You can set the any key answer function so that you can answer a call by pressing any key except or [Busy].

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press [Options] → "Personalize."

2 Press or to highlight "Any key answer" and press .

3 Press or to highlight "On" or "Off" and press .

Setting the Automatic Answer

The automatic answer function allows you to answer calls automatically when the handset is connected to Hands free car kit. You can select the desired time until your handset answers.

1 At the main menu, select in the following order: "Settings" → "Profiles" → "In car" and press [Options] → "Personalize."

2 Press or to highlight "Automatic answer" and press .

3 Press or to highlight "On" or "Off" and press .
If you select "On," select the time span (5, 10, 15, 20 sec) before the handset automatically connects the call.

Resetting the Profiles Setting

You can reset all the profiles settings that you have set to the default settings.

To cancel the settings, you need to set the handset code beforehand or refer to page 15-139 for details.

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to reset and press [Option] → "Set to default."

2 Enter your handset code and press ●.

3 Press [Yes].
To cancel, press [No] in this step.

If you enter a wrong handset code in step 2, the operation is canceled.

Call Settings

This section describes the settings for call functions such as call waiting, adjusting earpiece volume, etc. that are related directly to calling or receiving operations.

Activating the Call Waiting Service

Activating this service enables you to talk to a new caller while you are in the middle of another call. After activating this service, a beep tone notifies you of the second call. For information on how to use this function, refer to "Call Waiting" on page 6-34.

1 Press ●.
The main menu appears.

2 Press ↑, ↓, ← or → to highlight "Settings" and press ●.

3 Press ↑ or ↓ to highlight "Connectivity" and press ●.

4 Press ↑ or ↓ to highlight "Call settings" and press ●.
The "Call settings" menu appears.

5 Press ↑ or ↓ to highlight "Call waiting" and press ●.

6 Press ↑ or ↓ to highlight "On" to activate or "Off" to cancel the service and press ●.

The call waiting service may not be available on all service providers. Contact your service provider for more information.

To check the call waiting service status

If you select "Status" in step 6 and press ●, you can check the status of the call waiting service. After checking the status, press [Back].

Displaying the Call Timers

Activating this function lets you check the duration of your call. For information on how to use this function, refer to "Checking the Duration of Calls" on page 14-113.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ↑ or ↓ to highlight "Display call timers" and press ●.
3. Press ↑ or ↓ to highlight "On" to activate or "Off" to cancel the function and press ●.

Displaying Your Own Number

Activating this function lets you control whether or not to show your phone number to the party you are calling.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ↑ or ↓ to highlight "Show your number" and press ●.
3. Press ↑ or ↓ to highlight "On," "Off" or "Status" and press ●.

This service may not be available on all service providers. Contact your service provider for more information.

To check whether the show your number function is active or not

If you select "Status" in step 3 and press ●, you can check the status. After checking the status, press ●.

Adjusting the Earpiece Volume

You can adjust the earpiece volume to one of 5 levels.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ↑ or ↓ to highlight "Earpiece volume" and press ●.

3 Press ⓘ or ⓖ to select the volume level from one of 5 levels and press ◯.

You can also adjust the Hands free EARphone & MIC volume, if connected.

Activating the Picture Call

The image registered to the caller in the contacts list is displayed when receiving a call.

1 At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."

2 Press ⓘ or ⓖ to highlight "Picture call" and press ◯.

3 Press ⓘ or ⓖ to highlight "On" or "Off" and press ◯.

Activating Auto Redial

This function makes the redial automatically when the first redial attempt is unsuccessful. If you wish to stop redialing, press ⌐ or ⌙ [End].

1 At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."

2 Press ⓘ or ⓖ to highlight "Auto redial" and press ◯.

3 Press ⓘ or ⓖ to highlight "On" or "Off" and press ◯.

- *When you receive an incoming call, the auto redial function is interrupted.*
- *Automatic redialing is not available for fax and data calls.*

Activating the Minute Minder

This function informs you of the call duration by sounding a tone after every minute.

1 At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."

2 Press ⓘ or ⓖ to highlight "Minute minder" and press ◯.

3 Press ⓘ or ⓖ to highlight "On" to activate or "Off" to cancel the function and press ◯.

Settings for Flipping the Handset Closed

You can reject an incoming call, send a busy tone or terminate a call by flipping the handset closed. For information on how to use this function, refer to "Rejecting an Incoming Call" on page 6-33.

1 At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."

2 Press ⊙ or ⊙ to highlight "Flip close" and press ●.

3 Press ⊙ or ⊙ to highlight "Incoming call" or "During call" and press ●.

When selecting "Incoming call":
Press ⊙ or ⊙ to highlight "Reject" to reject an incoming call, "Busy" to send a busy tone or "No action" and press ●.

When selecting "During call":
Press ⊙ or ⊙ to highlight "Terminate" to hang up an ongoing call or "No action" and press ●.

Resetting the Call Settings

You can reset all "Call settings" you have set to the default settings.

To cancel the settings, you need to have set the handset code beforehand or refer to page 15-139 for details.

1 At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."

2 Press ⊙ or ⊙ to highlight "Set to default" and press ●.

3 Enter your handset code and press ●.
"Are you sure?" appears.

4 Press [Yes].
To cancel, press [No] in this step.

If you enter a wrong handset code in step 3, the operation is canceled.

Call Forwarding

This service is used to forward incoming calls to your voice mail system or to another number depending on certain conditions in which you cannot answer a call.

Activating Call Forwarding

1 Press ◎.
The main menu appears.

2 Press ⑤, ⑧, ⑦ or ⑨ to highlight "Settings" and press ◎.

3 Press ⑤ or ⑧ to highlight "Connectivity" and press ◎.

4 Press ⑤ or ⑧ to highlight "Call forwarding" and press ◎.

5 Press ⑤ or ⑧ to highlight one of the forwarding options and press ◎.
The forwarding options available are:

"All calls": Forwards all voice calls without ringing.

"When busy": Forwards incoming calls when you are in a call.

"No answer": Forwards incoming calls if you do not answer a call within a certain period of time.

"Not reachable": Forwards incoming calls when your handset is out of network service or is switched off.

6 Press ⑤ or ⑧ to highlight "On" and press ◎.

7 Enter the phone number you wish to forward to.

When "All calls" is set to "On," " *" is displayed on the standby screen.*

If you select "By service" instead of "On" in step 6 above, you can select further forwarding options.

Checking the Forward Status

1 At the main menu, select in following order: "Settings" → "Connectivity" → "Call forwarding."

2 Press ⑤ or ⑧ to highlight the forwarding option you wish to check and press ◎.

3 Press ⑤ or ⑧ to highlight "Status" and press ◎.
You can now check the status of the selected forwarding option.
When you finished, press [Back].

Cancelling Forwarding Settings Individually

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call forwarding."
2. Press ⊙ or ⊙ to highlight the divert option you wish to cancel and press ◎.
3. Press ⊙ or ⊙ to highlight "Off" and press ◎.
   The selected forwarding is canceled.

Cancelling All Forward Settings

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call forwarding."
2. Press ⊙ or ⊙ to highlight "Cancel all" and press ◎.
3. Press [Yes].
   All forwarding settings are canceled.
   If you wish to cancel, press [No] in this step.

Setting Networks

This setting enables you to connect to a preferred network each time the power is turned on.

Connecting To a Network Automatically

If your handset has not been connected to the network yet, you can perform the following steps to establish connection to a preferred network immediately.

1. Press ◎.
   The main menu appears.
2. Press ⊙, ⊙, ⊙ or ⊙ to highlight "Settings" and press ◎.
3. Press ⊙ or ⊙ to highlight "Connectivity" and press ◎.
4. Press ⊙ or ⊙ to highlight "Network settings" and press ◎.
   The "Network settings" menu appears.
5. Press ⊙ or ⊙ to highlight "Select network" and press ◎.
6. Press ⊙ or ⊙ to highlight "Automatic" and press ◎.

Selecting a Network Manually

If you wish to connect to networks other than a preferred network, perform the following steps.

1. At the main menu, select in the following order: “Settings” → “Connectivity” → “Network settings.”
2. Press ⓘ or ⓖ to highlight “Select network” and press ◯.
3. Press ⓘ or ⓖ to highlight “Manual” and press ◯.
4. Press ⓘ or ⓖ to highlight the network in the list and press ◯.

Changing the Network Password

If you wish to change the network password, perform the following steps.

1. At the main menu, select in the following order: “Settings” → “Connectivity” → “Network settings.”
2. Press ⓘ or ⓖ to highlight “Change password” and press ◯.
3. Enter the old password and press ◯.
4. Enter a new password and press ◯.
5. Enter the new password again and press ◯. If you enter an incorrect password in this step, the screen will return to step 5 and you are asked to enter the password again.
6. Press ◯.

Selecting an Applicable Zone

Your handset tries to select an applicable zone automatically on startup. You can also select it according to the area.

1. At the main menu, select in the following order: “Settings” → “Connectivity” → “Network settings.”
2. Press ⓘ or ⓖ to highlight “Select zone” and press ◯.
3. Press ⓘ or ⓖ to highlight “America” or “Europe, Asia, etc.” and press ◯.

Setting a PC Link Connection

If you wish to connect your handset to a PC, follow the steps below.

1 At the main menu, select in the following order: "Settings" → "Connectivity."

2 Press ⓘ or ⓖ to highlight "PC link" and press ◯.

Setting the Date and Time

You need to set the correct date and time in order for your handset's various time-based functions to work correctly.

Setting the Auto-Update for the Date and Time

You can set the handset to update the date and time automatically.

The "Auto-update Date & Time" function may not be available depending on your network operator.

1 Press ◯.
The main menu appears.

2 Press ⓘ, ⓖ, ⓒ or ⓒ to highlight "Settings" and press ◯.

3 Press ⓘ or ⓖ to highlight "Date & Time" and press ◯.

4 Press ⓘ or ⓖ to highlight "Auto-update Date & Time" and press ◯.

5 Press ⓘ or ⓖ to highlight one of the options and press ◯.
The auto-update options available are:
"Always": Updates the date and time automatically without notice.
"Prompt me": Asks you if you wish to adjust the date and time before updating.
"Never": Does not update the date and time automatically.

For information on how to adjust the date and time manually, refer to "Step 5: Setting the Date and Time" on page 3-17.

Setting the Time Format

1 At the main menu, select in the following order: "Settings" → "Date & Time."

2 Press ⓘ or ⓖ to highlight "Clock settings" and press ◯.

3 Press ⓘ or ⓖ to highlight "Time format" and press ◯.

4 Press ⓢ or ⓣ to highlight “12 hour” or “24 hour” and press ◯.

Setting the Date Format

You can change the date format between “D.M.Y. (date. month. year),” “M-D-Y” and “Y/M/D.”

1 At the main menu, select in the following order: “Settings” → “Date & Time.”

2 Press ⓢ or ⓣ to highlight “Clock settings” and press ◯.

3 Press ⓢ or ⓣ to highlight “Date format” and press ◯.

4 Press ⓢ or ⓣ to highlight “D.M.Y,” “M-D-Y” or “Y/M/D” and press ◯.

Setting the Clock Display

1 At the main menu, select in the following order: “Settings” → “Date & Time.”

2 Press ⓢ or ⓣ to highlight “Clock settings” and press ◯.

3 Press ⓢ or ⓣ to highlight “Display format” and press ◯.

4 Press ⓢ or ⓣ to highlight “Time only,” “Date only,” “Date & Time” or “Off” and press ◯.

Setting Daylight Savings time

1 At the main menu, select in the following order: “Settings” → “Date & Time.”

2 Press ⓢ or ⓣ to highlight “Clock settings” and press ◯.

3 Press ⓢ or ⓣ to highlight “Daylight saving” and press ◯.

4 Press ⓢ or ⓣ to highlight “On” and press ◯.

Setting the Time Zone

1 At the main menu, select in the following order: “Settings” → “Date & Time.”

2 Press ⓢ or ⓣ to highlight “Set time zone” and press ◯.

3 Press ⓢ or ⓣ to highlight “Change zone” and press ◯.

4 Press ⓢ or ⓣ to select a home city and press ◯.

Customizing the Time Zone

1. At the main menu, select in the following order: "Settings" → "Date & Time."
2. Press ⊙ or ⊙ to highlight "Set time zone" and press ●.
3. Press ⊙ or ⊙ to highlight "Set custom zone" and press ●.
4. Enter time-zone differences using the digit keys and press ●. Press ⊙ to switch between – and +.

Setting Security

These settings enable the security function to prevent unauthorized use of your handset.

Enabling the PIN Code

When the setting is on, you are asked to enter the PIN code each time you turn the handset on. Your PIN code is stored in the SIM card and you should memorize the code when you purchase the SIM card. For more information on the SIM card, contact your service provider for details.

1. Press ●.
   The main menu appears.
2. Press ⊙, ⊙, ⊙ or ⊙ to highlight "Settings" and press ●.
3. Press ⊙ or ⊙ to highlight "Security" and press ●.
   The "Security" menu appears.
4. Press ⊙ or ⊙ to highlight "PIN entry" and press ●.

5 Press ⓘ or ⓖ to highlight “On” and press ◯.

6 Enter your PIN code and press ◯.

7 Press ◯.

To disable the PIN code

1 In step 5 of “Enabling the PIN Code” above, press ⓘ or ⓖ to highlight “Off” and press ◯.

2 Enter your PIN code and press ◯.

3 Press ◯.

To change the PIN code

1 In step 5 of “Enabling the PIN Code,” press ⓘ or ⓖ to highlight “Change PIN” and press ◯.

2 Enter your PIN code and press ◯.

3 Enter a new PIN code and press ◯.

4 Enter the new PIN code again and press ◯.
If you enter a code different from the code which you entered in this step, the screen returns to step 3.

5 Press ◯.

Enabling the Handset Lock

The “Handset lock” is an additional security feature that prevents unauthorized use of the handset. The default handset code is “0000.”

1 At the main menu, select in the following order: “Settings” → “Security.”

2 Press ⓘ or ⓖ to highlight “Handset lock” and press ◯.

3 Press ⓘ or ⓖ to highlight “On” and press ◯.

4 Enter your handset code and press ◯.

To disable the handset lock

1 In step 3 of “Enabling the Handset Lock” above, press ⓘ or ⓖ to highlight “Off” and press ◯.

2 Enter your handset code and press ◯.

3 Press ◯.

To change the handset code

1 In step 3 of “Enabling the Handset Lock” on the previous page, press ⊙ or ⊙ to highlight “Change code” and press ◎.

2 Enter your handset code and press ◎.

3 Enter a new handset code and press ◎.

4 Enter the new handset code again and press ◎. If you enter a code different from the code which you entered in this step, the screen returns to step 3.

Changing PIN2 Code

PIN2 code is used to protect certain functions in the handset such as Fixed dialing No. The following steps describe how to change PIN2 code.

1 At the main menu, select in the following order: “Settings” → “Security.”

2 Press ⊙ or ⊙ to highlight “Change PIN2” and press ◎.

3 Enter your PIN2 code and press ◎.

4 Enter a new PIN2 code and press ◎.

5 Enter the new PIN2 code again and press ◎. If you enter a code different from the code which you entered in this step, the screen returns to step 4. Enter the correct code again.

6 Press ◎.

Barring Calls

This function enables you to set restrictions on incoming and outgoing calls. To activate “Call barring” you will need the call barring password, which is available from your service provider.

1 At the main menu, select in the following order: “Settings” → “Security.”

2 Press ⊙ or ⊙ to highlight “Call barring” and press ◎.

3 Press ⊙ or ⊙ to highlight one of the call barring functions below and press ◎.

The call barring functions available are:

“Bar foreign calls”:
Restricts all outgoing international calls.

“Only local & home”:
Restricts all outgoing international calls except to your home country.

“Bar Incoming calls”:
Restricts all incoming calls.

"Bar inc if abroad":
Restricts all incoming calls when you are outside of the coverage area of your registered service provider.

"Bar outgoing calls":
Restricts all outgoing calls except emergency calls.

4 Press ⊙ or ⊙ to highlight one of the call barring options below and press ◎.

The call barring options available are:

"All services":	Restricts all services.
"Voice calls":	Restricts all voice calls.
"Data":	Restricts all data calls.
"Fax":	Restricts all fax calls.
"Messages":	Restricts all messages.
"All except msgs":	Restricts all services except messages.

5 Press ⊙ or ⊙ to highlight "On" and press ◎.

6 Enter the network password and press ◎.
To change the network password, refer to "Changing the Network Password" on page 15-135.

7 Press ◎.
The selected call barring function is activated.
If you enter a wrong network password, the password is cleared. Enter the correct password.

To disable barring calls options individually

In step 5 of "Barring Calls" (page 15-140), press ⊙ or ⊙ to highlight "Off" and press ◎.
The selected call barring option is canceled.

To check call barring status

5 After step 4 of "Barring Calls" (page 15-140), press ⊙ or ⊙ to highlight "Status" and press ◎.

6 When you finish, press [Back].

To cancel all call barring settings

3 After step 2 of "Barring Calls" (page 15-140), press ⊙ or ⊙ to highlight "Cancel all" and press ◎.

4 Enter the network password and press ◎.
All call barring settings are canceled.

Setting Fixed Dialing No.

This setting enables the "Fixed dialing No." function. If you turn the security function on, you can only call predefined numbers. In this step you are asked to enter PIN2 code for this setting. You should check the number beforehand.

The "Fixed dialing No." function may not be available depending on the type of SIM card.

1. At the main menu, select in the following order: "Settings" → "Security."
2. Press ⊙ or ⊙ to highlight "Fixed dialing No." and press ●.
3. Enter PIN2 code and press ●.
4. Press ⊙ or ⊙ to highlight "Settings" and press ●.
5. Press ⊙ or ⊙ to highlight "On" and press ●.

To disable the Fixed dialing No.

In step 5 above, press ⊙ or ⊙ to highlight "Off" and press ●.

To add a new phone number to the Fixed dialing No. list

4. After step 3, press ⊙ or ⊙ to highlight "Edit dial list" and press ●.
5. Press [Options].
   The "Options" menu appears.
6. Press ⊙ or ⊙ to highlight "Add new contact" and press ●.
7. Add a name and phone number.
   For more information on how to add a name and a phone number, refer to "Saving Information to the Contacts List" on page 9-56.
8. Press [Save] to save.

To search a registered entry

4. After step 3, press ⊙ or ⊙ to highlight "Edit dial list" and press ●.
5. Press [Options].
   The "Options" menu appears.
6. Press ⊙ or ⊙ to highlight "Search" and press ● to select.

7 Search for the desired entry.
For more information on how to search an entry, refer to “Searching a Name and Number in the Contacts List” on page 9-58.

To edit a registered entry

4 After step 3 of “Setting Fixed Dialing No.” (page 15-142), press ⊙ or ⊙ to highlight “Edit dial list” and press ◎.

5 Press ⊙ or ⊙ to highlight the entry you wish to edit.

6 Press [Options].
The “Options” menu appears.

7 Press ⊙ or ⊙ to highlight “Edit” and press ◎ to select.

8 Edit the desired entry.
For more information on how to edit an entry, refer to “Editing the Contacts List” on page 9-59.

To delete a registered entry

4 After step 3 of “Setting Fixed Dialing No.” (page 15-142), press ⊙ or ⊙ to highlight “Edit dial list” and press ◎.
Press ⊙ or ⊙ to highlight the entry you wish to delete.

5 Press [Options].
The “Options” menu appears.

6 Press ⊙ or ⊙ to highlight “Delete” and press ◎.

7 Press [Yes].
The selected entry is deleted.
To cancel, press [No] in this step.

Setting an Account

The following is information on how to setup Browser, Picture message and E-mail settings.

Browser Settings

Item	Description	Operation
Profile name*	Browser Profile Name (Unique Name)	Press ⊙ or ⊙ to highlight "Profile name" and press ● to select. Enter the desired strings and press ●.
Gateway address*	IP address of Browser gateway	Press ⊙ or ⊙ to highlight "Gateway address" and press ● to select. Enter IP address in "000.000.000.000" format and press ●.
Homepage	Homepage	Press ⊙ or ⊙ to highlight "Homepage" and press ● to select. Enter Homepage URL, if needed, and press ●.
Port number*	Port number of Browser gateway	Press ⊙ or ⊙ to highlight "Port number" and press ● to select. Enter Port Number (0-65535) and press ●.
Circuit prompt	Circuit Prompt	Press ⊙ or ⊙ to highlight "Circuit prompt" and press ● to select. Press ⊙ or ⊙ to highlight "Enable" or "Disable" and press ●.
Connection type	Bearer Connection Type	Press ⊙ or ⊙ to highlight "Connection type" and press ● to select. Press ⊙ or ⊙ to highlight "GPRS then CSD," "GPRS" or "CSD" and press ●.

* Items that have to be set.

Item	Description	Operation
GPRS settings (If “GPRS then CSD” or “GPRS” is selected as connection type, these should be set)		
APN*	Access Point Name	Press ⓘ or ⓖ to highlight “APN” and press ◯. Enter Access Point Name and press ◯.
Username	User Name	Press ⓘ or ⓖ to highlight “Username” and press ◯. Enter User Name and press ◯.
Password	Password	Press ⓘ or ⓖ to highlight “Password” and press ◯. Enter Password and press ◯.
Linger time	Linger Time	Press ⓘ or ⓖ to highlight “Linger time” and press ◯. Enter time in seconds (0-99999) and press ◯.
CSD settings (If “GPRS then CSD” or “CSD” is selected as connection type, they should be set)		
Phone No.*	Access Point Number	Press ⓘ or ⓖ to highlight “Phone No.” and press ◯. Enter Access Point Number and press ◯.
Line type	ISDN or Analog	Press ⓘ or ⓖ to highlight “Line type” and press ◯. Press ⓘ or ⓖ to highlight “ISDN” or “Analog” and press ◯.
Username	User Name	Press ⓘ or ⓖ to highlight “Username” and press ◯. Enter User Name and press ◯.
Password	Password	Press ⓘ or ⓖ to highlight “Password” and press ◯. Enter Password and press ◯.
Linger time	Linger Time	Press ⓘ or ⓖ to highlight “Linger time” and press ◯. Enter time in seconds (0-99999) and press ◯.

* Items that have to be set.

Picture message Settings

Item	Description	Operation
Profile name*	Picture message Profile Name (Unique Name)	Press ⊙ or ⊙ to highlight "Profile name" and press ●. Enter the desired strings and press ●.
Relay server URL*	Picture message Relay Server	Press ⊙ or ⊙ to highlight "Relay server URL" and press ●. Enter URL of the Relay server and press ●.
Gateway address*	IP address	Press ⊙ or ⊙ to highlight "Gateway address" and press ● to select. Enter IP address in "000.000.000.000" format and press ●.
Port number*	Port number of Picture message gateway	Press ⊙ or ⊙ to highlight "Port number" and press ●. Enter Port Number (0-65535) and press ●.
Connection type	Bearer Connection Type	Press ⊙ or ⊙ to highlight "Connection type" and press ●. Press ⊙ or ⊙ to highlight "GPRS then CSD," "GPRS" or "CSD" and press ●.
GPRS settings (If "GPRS then CSD" or "GPRS" is selected as connection type, these should be set)		
APN*	Access Point Name	Press ⊙ or ⊙ to highlight "APN" and press ●. Enter Access Point Name and press ●.
Username	User Name	Press ⊙ or ⊙ to highlight "Username" and press ●. Enter User Name and press ●.
Password	Password	Press ⊙ or ⊙ to highlight "Password" and press ●. Enter Password and press ●.
Linger time	Linger Time	Press ⊙ or ⊙ to highlight "Linger time" and press ●. Enter time in seconds (0-99999) and press ●.

* Items that have to be set.

Item	Description	Operation
CSD settings (If “GPRS then CSD” or “CSD” is selected as connection type, these should be set)		
Phone No.*	Access Point Number	Press ⊙ or ⊙ to highlight “Phone No.” and press ●. Enter Access Point Number and press ●.
Line type	ISDN or Analog	Press ⊙ or ⊙ to highlight “Line type” and press ●. Press ⊙ or ⊙ to highlight “ISDN” or “Analog” and press ●.
Username	User Name	Press ⊙ or ⊙ to highlight “Username” and press ●. Enter User Name and press ●.
Password	Password	Press ⊙ or ⊙ to highlight “Password” and press ●. Enter Password and press ●.
Linger time	Linger Time	Press ⊙ or ⊙ to highlight “Linger time” and press ●. Enter time in seconds (0-99999) and press ●.

* Items that have to be set.

E-mail Settings

Item	Description	Operation
Profile name*	E-mail Profile Name (Unique Name)	Press ⊙ or ⊙ to highlight “Profile name” and press ●. Enter the desired strings and press ●.
E-mail address	E-mail address	Press ⊙ or ⊙ to highlight “E-mail address” and press ●. Enter E-mail address.
POP3 server	POP Account Settings	Press ⊙ or ⊙ to highlight “Server name,” “User ID,” “Password” or “Port number” and press ●. Enter each item for the account.
SMTP server	SMTP Account Settings	Press ⊙ or ⊙ to highlight “Server name,” “User ID,” “Password” or “Port number” and press ●. Enter each item for the account.
Download size	E-mail size for reception	Press ⊙ or ⊙ to highlight “Header only” or “10kB” and press ●.

Item	Description	Operation
Send settings	Settings for sending mail	Press ⊙ or ⊙ to highlight "POP before SMTP," "SMTP-AUTH On" or "SMTP-AUTH Off" and press ●.
Primary DNS	IP Address of Primary Domain Name System (Server)	Press ⊙ or ⊙ to highlight "Primary DNS" and press ●. Enter IP address in "000.000.000.000" format and press ●.
Secondary DNS	IP Address of Secondary Domain Name System (Server)	Press ⊙ or ⊙ to highlight "Secondary DNS" and press ●. Enter IP address in "000.000.000.000" format and press ●.
Connection type	Bearer Connection Type	Press ⊙ or ⊙ to highlight "Connection type" and press ●. Press ⊙ or ⊙ to highlight "GPRS then CSD," "GPRS" or "CSD" or "Use Browser settings" and press ●.

* Items that have to be set.

Item	Description	Operation
GPRS settings (If "GPRS then CSD" or "GPRS" is selected as connection type, these should be set)		
APN*	Access Point Name	Press ⊙ or ⊙ to highlight "APN" and press ●. Enter Access Point Name and press ●.
Username	User Name	Press ⊙ or ⊙ to highlight "Username" and press ●. Enter User Name and press ●.
Password	Password	Press ⊙ or ⊙ to highlight "Password" and press ●. Enter Password and press ●.
Linger time	Linger Time	Press ⊙ or ⊙ to highlight "Linger time" and press ●. Enter time in seconds (0-99999) and press ●.

Item	Description	Operation
CSD settings (If “GPRS then CSD” or “CSD” is selected as connection type, these should be set)		
Phone No.*	Access Point Number	Press ⓘ or ⓖ to highlight “Phone No.” and press ●. Enter Access Point Number and press ●.
Line type	ISDN or Analog	Press ⓘ or ⓖ to highlight “Line type” and press ●. Press ⓘ or ⓖ to highlight “ISDN” or “Analog” and press ●.
Username	User Name	Press ⓘ or ⓖ to highlight “Username” and press ●. Enter User Name and press ●.
Password	Password	Press ⓘ or ⓖ to highlight “Password” and press ●. Enter Password and press ●.
Linger time	Linger Time	Press ⓘ or ⓖ to highlight “Linger time” and press ●. Enter time in seconds (0-99999) and press ●.

* Items that have to be set.

CSD (Circuit Switched Data)

Circuit switching is, in other words, the conventional way of transmitting data. Just like a telephone landline, rates are charged by connection time. Maximum connection speeds are 9.6kbps and 14.4kbps, but are affected by mobile phone and provider specifications.

GPRS (General Packet Radio Service)

GPRS is a packet data transmission service for mobile phones based on the GSM standard. When using data communications like WAP, there is no need to keep track of connection time as rates are charged by the amount of data (number of packets) transmitted. The service gives you the feeling of a continual connection without the worries of a dial-up connection. The connection speed varies according to mobile phone and provider specifications as well as crowding on the network.

WAP (Wireless Application Protocol)

A generic name for the communication protocol used to access the Internet on small wireless mobile terminals such as mobile phones and PDAs.

To setup your account information

Your Service Provider supplies you with account information. Please contact your service provider for details.

1. Press ●.
   The main menu appears.
2. Press ⑤, ⑨, ⑥ or ⑧ to highlight "Settings" and press ●.
3. Press ⑤ or ⑨ to highlight "Account settings" and press ●.
4. Press ⑤ or ⑨ to highlight "Browser settings," "Picture message settings" or "E-mail settings" press ●.
5. Press ⑤ or ⑨ to highlight the profile name you wish to edit and press [Options] to display the Options menu.
6. Press ⑤ or ⑨ to highlight "Edit" and press ● or [Select] to select.
7. Press ⑤ or ⑨ to highlight the item you wish to edit and press ● to select.
8. Edit each item.
9. When you have finished editing, press [Save].

To select the network connection profile

5. After step 4 of "To set up your account information," press ⑤ or ⑨ to highlight the profile name you wish to use and press ●.

To select the font size for the Web browser, Picture message and E-mail

You can choose the screen font size when displaying the Web page, Picture message or E-mail message.

1. At the main menu, select in the following order: "Settings" → "Account settings" → "Font size."
2. Press ⑤ or ⑨ to highlight the desired font size and press ●.
   You can choose three font size options: Large, Medium, Small.

Customizing Keys

While the handset is in standby mode, four Navigation keys (⏱, ♀, ⊖ and ⊕) and side-up/down keys (▲ and ▼) are available for assigning shortcuts to directly access the screens shown below, and you can also change the paths among the screens listed below.

Screens:

Not Used
Contacts list (default ♀ setting)
Add contacts
Profiles (default ⊕ setting)
Calendar (default ⏱ setting)
My Contents (default ⊖ setting)
Alarm
Calculator
VoiceMail
Wallpaper
Ringtone
Create Text message
Create Picture message
Create E-mail
Text message Inbox
Picture message Inbox
E-mail Inbox
Internet
Create picture
Create video
Voice notes
My pictures (default ▲ setting)
My videos (default ▼ setting)
My sounds
My numbers
Earpiece volume

Changing the Shortcuts

1. Press ◯.
   The main menu appears.
2. Press ⓘ, ⓖ, ⓒ or ⓒ to highlight “Settings” and press ◯.
3. Press ⓘ or ⓖ to highlight “Shortcuts settings” and press ◯.
   The Shortcuts settings screen appears.
4. Press ⓘ or ⓖ to select the key whose shortcut you wish to change and press ◯.
   The list of shortcuts appears.
5. Press ⓘ or ⓖ to highlight the shortcut you wish to assign and press ◯.
   The selected shortcut is assigned.
6. Repeat steps 4 and 5, if necessary.

If you select “Not used” in step 5, the key will be deactivated.

Master Reset

These steps enable you to cancel all the settings to default. Special caution needs to be paid before you do the master reset. If you wish to retain settings for some modes or menus, write them down before performing the reset.

1. Press ◯.
   The main menu appears.
2. Press ⓘ, ⓖ, ⓒ or ⓒ to highlight “Settings” and press ◯.
3. Press ⓘ or ⓖ to highlight “Master reset” and press ◯.
4. Enter your handset code and press ◯.
   The Message “Are you sure?” appears.
5. Press [Yes].
   To cancel, press [No] in this step.

If you enter a wrong handset code in step 4, the operation is canceled.

Connecting to a PC

You can use your handset with other digital equipment that use USB ports. For a PC, the required system environment is as follows:

PC Hardware

- Intel®-Pentium® 266MHz or faster
- 64MB of available RAM or above
- 60MB of available hard-disk space or above
- CD-ROM drive

Operating System

Microsoft® Windows® 98+Service Pack 1/98 Second Edition/ME/2000+Service Pack 4/XP+Service Pack 1

Interface

- USB 1.1

- *Requires an optional PC Link Kit (CE-UC31) to connect the handset to a PC.*
- *For further details on the system, operations or functions, refer to the operation manual for the PC Link Kit (CE-UC31).*

GSM/GPRS Modem

The GSM/GPRS modem in your handset enables digital equipment to access the Internet.

Handset Manager

"Handset Manager" is the software that enables you to manage the communication between the handset and a PC. Using this software, you can control the transmission of pictures, sounds, video clips and "Contacts List" entries.

Installing Software

The USB cable is necessary for installing the software.

1 Insert the CD-ROM supplied with PC Link Kit (CE-UC31) into the PC's CD-ROM drive.
The CD-ROM screen appears.
If the CD-ROM screen does not appear, double-click [Launcher.exe] in your CD-ROM.

2 Follow the on-screen instructions to complete the installation of the three programs in order.

- *For Windows 2000 Professional and Windows XP, install/uninstall programs after logging on as the Administrator.*
- *Connect the handset to the USB cable by following the on-screen instructions.*

For information on software support, refer to the following site:

http://www.sharp-mobile.com/tm150/

It is not recommended that you make or answer calls when using the handset as a GSM/GPRS modem, as the operation may be interrupted.

Uninstalling software

When you change handsets or upgrade software, you have to uninstall software by using Windows function.

USB driver name

"SHARP GSM GPRS USB Driver2 VerXXXX"

Modem driver name

"SHARP GSM GPRS Wizard2 VerXXXX"

XXXX are 4 digit numbers.

(Version number varies depending on the time of release)

Required items

Handset

PC with USB cable (CE-UC31)

Troubleshooting

Symptom	Check Points
The handset does not turn on.	● Is the battery pack properly inserted? (page 3-13) ● Is the battery empty? If the alert sounds and you are unable to turn on the power, charge the battery. (page 3-15) ● Did you press ⏻ and hold for at least 2 seconds to turn on the handset? (page 3-17)
The battery will not charge.	● Is the battery pack properly inserted? (page 3-13) ● Is the handset properly attached to the battery charger? (page 3-15) ● Is the AC charger terminal dirty? (Clean the terminal with a cotton swab.) ● Did you check the battery indicator was animating while charging the battery? ● Did a blackout occur while charging the battery? ● If you have tried all of the above and the battery does not charge, replace the battery. If it still does not charge, there may be a problem with the handset or AC charger. Contact your service provider for maintenance.

Symptom	Check Points
Even when charged, the phone functions stop working.	Is the SIM card inserted correctly? (page 3-15)
Calls cannot be made or received.	● Is there a message “SIM Card Error” on the display? (If the message is displayed when turning on the handset, the SIM card is not supported or is damaged. Contact your service provider.) ● Has any call barring option been set? (page 15-140) ● Has the “Fixed dialing No.” been turned on? (page 15-142) ● Is the handset currently performing data communication? (page 16-153) ● Are you using a pre paid SIM card? (Check the remaining balance.)

Symptom	Check Points
Calls are interrupted or cut off.	● Are you in a location where the signal is poor? (Check the indicator and see if the service is out of range. Move to a location where the radio signal is strong enough to make a call.) ● Is the battery empty? (page 3-16) ● Are there any magnetized objects such as health necklaces on or around you? (Around such objects, the handset terminates the call. Keep the handset away from such objects.)
Keys do not operate.	● Is the power turned on? (page 3-17) ● Has the “Handset Lock” been turned on? (page 15-139)
The other party’s voice is too loud or distorted.	Adjust the earpiece volume. (page 15-130)
The ring tone does not sound.	● Has the ring volume been set to “Silent?” (page 15-123) ● Has the “Silent” or “In car” mode been enabled? (page 15-123)

Symptom	Check Points
The PIN code or PIN2 code is rejected.	● Did you enter the correct code (4 to 8 digits)? (page 3-21) ● Have you made 3 unsuccessful attempts at entering the code? (After 3 attempts, the protection lock prevents handset operation.) ● If you cannot remember the correct PIN code, contact your service provider.
The SIM card is locked.	If supported, try entering the PUK code (8 digits) provided by your service provider. (If the attempt is successful, enter the new PIN code and confirm that your handset is operational again. Otherwise, contact your dealer.)
The display is difficult to read.	● Try adjusting the backlight brightness for the display. (page 15-117). ● If the external display is difficult to read, try adjusting the backlight contrast. (page 15-121)
The network service cannot be accessed.	● Confirm whether your account has been registered. (Contact your service provider to confirm whether your account has been registered.) ● Are you in a location where you can receive the service?

Symptom	Check Points
The Picture message service cannot be accessed.	Does your service provider support the Picture message service? Contact your service provider to confirm whether they support the service and that the correct settings for the Picture message service have been performed on your handset.
The E-mail service cannot be accessed.	Have you made the necessary settings for the E-mail service? (page 15-147) If you still cannot get access after checking the settings, contact your service provider to identify the problem.
No “Contacts list” entry is displayed.	● Which memory did you select when you entered the entries? Confirm whether “Handset,” “SIM” or “SIM+Handset” was selected. (page 9-55) ● Have you set the “View Groups” setting correctly? (page 9-64)

Symptom	Check Points
The handset cannot be connected to a PC.	● In case of resource conflicts of modem driver, please re-install the driver to resolve this problem. (page 16-153) ● The handset is required at the time of installing USB or modem driver. (page 16-153) ● The current driver installed on the PC is applicable only to the handset used at the time of installation. ● When you use another handset, you must uninstall existing USB and modem driver, then re-install USB and Modem driver again. (page 16-154)

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The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

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(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

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